

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060421\
 Data File : FE033886.D
 Signal(s) : FID1B.CH
 Acq On : 04 Jun 2021 12:19
 Sample : M2589-09MS 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050521.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.405	2.373	2.530	PH	121038	1011822	9.33%	0.196%
2	2.534	2.530	2.540	PH	62	18	0.00%	0.000%
3	2.544	2.540	2.616	PH	-40	-14384	-0.13%	-0.003%
4	2.629	2.616	2.654	PH	1299	-649	-0.01%	-0.000%
5	2.669	2.654	2.715	PH	-341	-29263	-0.27%	-0.006%
6	2.725	2.715	2.746	PH	-990	-22493	-0.21%	-0.004%
7	2.750	2.746	2.774	PH	-1270	-23020	-0.21%	-0.004%
8	2.778	2.774	2.801	PH	-1389	-23705	-0.22%	-0.005%
9	2.814	2.801	2.841	PH	-1463	-37910	-0.35%	-0.007%
10	2.855	2.841	2.908	PH	-1388	-74899	-0.69%	-0.015%
11	2.914	2.908	2.926	PH	-2072	-22282	-0.21%	-0.004%
12	2.943	2.926	2.975	PH	-1028	-49457	-0.46%	-0.010%
13	2.981	2.975	2.992	PH	-2062	-22083	-0.20%	-0.004%
14	3.006	2.992	3.016	PH	-2119	-32004	-0.29%	-0.006%
15	3.022	3.016	3.029	PH	-2176	-16552	-0.15%	-0.003%
16	3.035	3.029	3.054	PH	-2159	-33658	-0.31%	-0.007%
17	3.062	3.054	3.083	PH	-2252	-40443	-0.37%	-0.008%
18	3.100	3.083	3.104	PH	-2061	-27886	-0.26%	-0.005%
19	3.116	3.104	3.138	PH	-1824	-42877	-0.40%	-0.008%
20	3.161	3.138	3.171	PH	-2004	-45001	-0.41%	-0.009%
21	3.182	3.171	3.188	PH	-2258	-22444	-0.21%	-0.004%
22	3.193	3.188	3.209	PH	-2227	-31805	-0.29%	-0.006%
23	3.222	3.209	3.241	PH	-2402	-47656	-0.44%	-0.009%
24	3.251	3.241	3.263	PH	-2527	-33795	-0.31%	-0.007%
25	3.289	3.263	3.308	PH	-2176	-67676	-0.62%	-0.013%
26	3.314	3.308	3.329	PH	-2608	-34025	-0.31%	-0.007%
27	3.333	3.329	3.338	PH	-2736	-14007	-0.13%	-0.003%
28	3.341	3.338	3.353	PH	-2734	-25341	-0.23%	-0.005%
29	3.356	3.353	3.385	PH	-2769	-55107	-0.51%	-0.011%
30	3.400	3.385	3.416	PH	-2173	-47781	-0.44%	-0.009%
31	3.421	3.416	3.437	PH	-2693	-36336	-0.33%	-0.007%
32	3.443	3.437	3.458	PH	-2762	-36317	-0.33%	-0.007%
33	3.467	3.458	3.482	PH	-2941	-44292	-0.41%	-0.009%
34	3.493	3.482	3.498	PH	-2931	-27679	-0.26%	-0.005%
35	3.524	3.498	3.564	PH	-2819	-117522	-1.08%	-0.023%
36	3.571	3.564	3.574	PH	-3036	-17715	-0.16%	-0.003%

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37	3.596	3.574	3.631	PH	-2901	-101769	-0.94%	-0.020%
38	3.641	3.631	3.650	PH	-3018	-36233	-0.33%	-0.007%
39	3.670	3.650	3.680	PH	-2664	-50660	-0.47%	-0.010%
40	3.699	3.680	3.754	PH	6159	-49590	-0.46%	-0.010%
41	3.767	3.754	3.794	PH	-2595	-66558	-0.61%	-0.013%
42	3.809	3.794	3.814	PH	-2773	-35216	-0.32%	-0.007%
43	3.828	3.814	3.861	PH	-2483	-79107	-0.73%	-0.015%
44	3.865	3.861	3.870	PH	-3084	-16684	-0.15%	-0.003%
45	3.892	3.870	3.925	PH	-2552	-95259	-0.88%	-0.018%
46	3.938	3.925	3.955	PH	-2748	-53610	-0.49%	-0.010%
47	3.974	3.955	4.032	PH	-2428	-133659	-1.23%	-0.026%
48	4.072	4.032	4.098	PH	-1098	-82902	-0.76%	-0.016%
49	4.112	4.098	4.131	PH	-1490	-38993	-0.36%	-0.008%
50	4.154	4.131	4.180	PH	-2118	-72849	-0.67%	-0.014%
51	4.226	4.180	4.251	PH	-1867	-105580	-0.97%	-0.020%
52	4.262	4.251	4.288	PH	-2299	-55234	-0.51%	-0.011%
53	4.300	4.288	4.304	PH	-2607	-25125	-0.23%	-0.005%
54	4.323	4.304	4.356	PH	-2130	-80247	-0.74%	-0.016%
55	4.375	4.356	4.392	PH	-2660	-60607	-0.56%	-0.012%
56	4.415	4.392	4.424	PH	-2537	-52746	-0.49%	-0.010%
57	4.454	4.424	4.491	PH	113334	952533	8.78%	0.185%
58	4.501	4.491	4.516	PH	-2351	-38155	-0.35%	-0.007%
59	4.528	4.516	4.546	PH	-2352	-46358	-0.43%	-0.009%
60	4.560	4.546	4.582	PH	-2557	-56967	-0.53%	-0.011%
61	4.604	4.582	4.629	PH	-664	-56682	-0.52%	-0.011%
62	4.634	4.629	4.639	PH	-2554	-15260	-0.14%	-0.003%
63	4.658	4.639	4.671	PH	-1222	-35865	-0.33%	-0.007%
64	4.674	4.671	4.693	PH	-1752	-27610	-0.25%	-0.005%
65	4.707	4.693	4.724	PH	-1785	-43432	-0.40%	-0.008%
66	4.737	4.724	4.753	PH	-2133	-41374	-0.38%	-0.008%
67	4.761	4.753	4.774	PH	-2541	-32665	-0.30%	-0.006%
68	4.790	4.774	4.795	PH	-2382	-31642	-0.29%	-0.006%
69	4.804	4.795	4.816	PH	-2372	-30266	-0.28%	-0.006%
70	4.834	4.816	4.852	PH	-1973	-49836	-0.46%	-0.010%
71	4.865	4.852	4.892	PH	-2059	-56901	-0.52%	-0.011%
72	4.909	4.892	4.919	PH	-2167	-37485	-0.35%	-0.007%
73	4.929	4.919	4.959	PH	-2116	-61171	-0.56%	-0.012%
74	4.999	4.959	5.011	PH	-2447	-83236	-0.77%	-0.016%
75	5.039	5.011	5.046	PH	-2334	-51510	-0.47%	-0.010%
76	5.059	5.046	5.073	PH	-2157	-38438	-0.35%	-0.007%
77	5.092	5.073	5.118	PH	-2001	-62346	-0.57%	-0.012%
78	5.135	5.118	5.160	PH	-2026	-56346	-0.52%	-0.011%
79	5.172	5.160	5.182	PH	-1936	-29223	-0.27%	-0.006%
80	5.190	5.182	5.212	PH	-1867	-39212	-0.36%	-0.008%
81	5.221	5.212	5.235	PH	-2383	-35442	-0.33%	-0.007%
82	5.261	5.235	5.281	PH	-2311	-68175	-0.63%	-0.013%
83	5.288	5.281	5.294	PH	-2298	-19086	-0.18%	-0.004%
84	5.307	5.294	5.325	PH	-2036	-41016	-0.38%	-0.008%
85	5.332	5.325	5.353	PH	-2399	-40963	-0.38%	-0.008%
86	5.381	5.353	5.396	PH	-1797	-56041	-0.52%	-0.011%
87	5.400	5.396	5.424	PH	-2320	-40896	-0.38%	-0.008%
88	5.441	5.424	5.464	PH	-2201	-57307	-0.53%	-0.011%
89	5.486	5.464	5.505	PH	1984	-14945	-0.14%	-0.003%

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90	5.521	5.505	5.540	PH	-1166	-34260	-0.32%	-0.007%
91	5.554	5.540	5.589	PH	-1922	-62618	-0.58%	-0.012%
92	5.605	5.589	5.621	PH	-2059	-41351	-0.38%	-0.008%
93	5.644	5.621	5.654	PH	-1867	-40934	-0.38%	-0.008%
94	5.674	5.654	5.712	PH	-787	-57517	-0.53%	-0.011%
95	5.722	5.712	5.743	PH	-1919	-37143	-0.34%	-0.007%
96	5.770	5.743	5.779	PH	-861	-31843	-0.29%	-0.006%
97	5.787	5.779	5.811	PH	-968	-28393	-0.26%	-0.006%
98	5.828	5.811	5.845	PH	-1293	-33968	-0.31%	-0.007%
99	5.859	5.845	5.878	PH	-1637	-36407	-0.34%	-0.007%
100	5.895	5.878	5.921	PH	-1552	-46850	-0.43%	-0.009%
101	5.942	5.921	5.964	PH	-1381	-47651	-0.44%	-0.009%
102	5.986	5.964	5.994	PH	-1418	-31260	-0.29%	-0.006%
103	5.999	5.994	6.014	PH	-1431	-19906	-0.18%	-0.004%
104	6.041	6.014	6.063	PH	4065	10686	0.10%	0.002%
105	6.083	6.063	6.089	PH	-610	-14001	-0.13%	-0.003%
106	6.102	6.089	6.112	PH	-449	-8558	-0.08%	-0.002%
107	6.123	6.112	6.152	PH	-205	-18040	-0.17%	-0.003%
108	6.177	6.152	6.203	PH	1903	-32	-0.00%	-0.000%
109	6.212	6.203	6.235	PH	-863	-18793	-0.17%	-0.004%
110	6.253	6.235	6.269	PH	-651	-18988	-0.17%	-0.004%
111	6.276	6.269	6.284	PH	-1030	-10075	-0.09%	-0.002%
112	6.307	6.284	6.329	PH	-684	-26575	-0.24%	-0.005%
113	6.346	6.329	6.368	PH	-766	-25999	-0.24%	-0.005%
114	6.398	6.368	6.412	PH	-601	-25596	-0.24%	-0.005%
115	6.419	6.412	6.439	PH	-824	-15714	-0.14%	-0.003%
116	6.465	6.439	6.538	PH	111920	1074986	9.91%	0.208%
117	6.558	6.538	6.571	PH	-675	-18168	-0.17%	-0.004%
118	6.582	6.571	6.592	PH	-646	-9871	-0.09%	-0.002%
119	6.614	6.592	6.635	PH	2388	10098	0.09%	0.002%
120	6.662	6.635	6.681	PH	75	-11373	-0.10%	-0.002%
121	6.685	6.681	6.708	PH	-759	-15435	-0.14%	-0.003%
122	6.747	6.708	6.766	PH	113	-20975	-0.19%	-0.004%
123	6.791	6.766	6.816	PH	84	-13394	-0.12%	-0.003%
124	6.823	6.816	6.836	PH	-549	-8096	-0.07%	-0.002%
125	6.869	6.836	6.891	PH	759	-7110	-0.07%	-0.001%
126	6.907	6.891	6.913	PH	-568	-9141	-0.08%	-0.002%
127	6.939	6.913	6.951	PH	-37	-7948	-0.07%	-0.002%
128	6.967	6.951	6.975	PH	729	5099	0.05%	0.001%
129	6.987	6.975	7.007	HH	787	7849	0.07%	0.002%
130	7.026	7.007	7.049	PH	1651	16276	0.15%	0.003%
131	7.069	7.049	7.079	PH	1061	10114	0.09%	0.002%
132	7.096	7.079	7.115	HH	3464	40723	0.38%	0.008%
133	7.124	7.115	7.149	HH	1146	11322	0.10%	0.002%
134	7.168	7.149	7.210	PH	4649	61395	0.57%	0.012%
135	7.229	7.210	7.252	HH	2848	33398	0.31%	0.006%
136	7.269	7.252	7.289	HH	1199	15662	0.14%	0.003%
137	7.295	7.289	7.300	HH	497	2652	0.02%	0.001%
138	7.304	7.300	7.329	HH	386	4677	0.04%	0.001%
139	7.389	7.329	7.423	HH	12084	162551	1.50%	0.032%
140	7.437	7.423	7.463	HH	890	18401	0.17%	0.004%
141	7.478	7.463	7.499	HH	1222	18210	0.17%	0.004%

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142	7.512	7.499	7.535	HH	765	13848	0.13%	0.003%
143	7.566	7.535	7.599	HH	3192	61130	0.56%	0.012%
144	7.618	7.599	7.636	HH	1397	20193	0.19%	0.004%
145	7.655	7.636	7.663	HH	737	9387	0.09%	0.002%
146	7.685	7.663	7.695	HH	1488	20714	0.19%	0.004%
147	7.726	7.695	7.744	HH	2263	45310	0.42%	0.009%
148	7.755	7.744	7.769	HH	1386	17396	0.16%	0.003%
149	7.776	7.769	7.784	HH	1033	9353	0.09%	0.002%
150	7.822	7.784	7.838	HH	3158	64272	0.59%	0.012%
151	7.843	7.838	7.854	HH	2522	23177	0.21%	0.004%
152	7.867	7.854	7.886	HH	2439	38110	0.35%	0.007%
153	7.909	7.886	7.929	HH	2856	48551	0.45%	0.009%
154	7.955	7.929	7.983	HH	4284	85148	0.78%	0.017%
155	8.004	7.983	8.050	HH	4619	124835	1.15%	0.024%
156	8.079	8.050	8.103	HH	11269	187218	1.73%	0.036%
157	8.107	8.103	8.124	HH	2744	32026	0.30%	0.006%
158	8.143	8.124	8.155	HH	2872	48591	0.45%	0.009%
159	8.190	8.155	8.206	HH	11176	176303	1.62%	0.034%
160	8.219	8.206	8.234	HH	6436	85818	0.79%	0.017%
161	8.260	8.234	8.290	HH	126373	1395471	12.86%	0.271%
162	8.304	8.290	8.322	HH	4738	76220	0.70%	0.015%
163	8.342	8.322	8.352	HH	6013	83934	0.77%	0.016%
164	8.373	8.352	8.403	HH	8596	179368	1.65%	0.035%
165	8.426	8.403	8.443	HH	6677	112072	1.03%	0.022%
166	8.451	8.443	8.459	HH	3520	32179	0.30%	0.006%
167	8.481	8.459	8.499	HH	4391	91636	0.84%	0.018%
168	8.507	8.499	8.522	HH	3401	43971	0.41%	0.009%
169	8.549	8.522	8.575	HH	3533	95782	0.88%	0.019%
170	8.588	8.575	8.601	HH	2888	41491	0.38%	0.008%
171	8.621	8.601	8.642	HH	4825	101221	0.93%	0.020%
172	8.670	8.642	8.696	HH	22914	336869	3.10%	0.065%
173	8.720	8.696	8.738	HH	7966	149339	1.38%	0.029%
174	8.752	8.738	8.769	HH	5329	91142	0.84%	0.018%
175	8.795	8.769	8.820	HH	17068	285682	2.63%	0.055%
176	8.849	8.820	8.866	HH	5616	133446	1.23%	0.026%
177	8.875	8.866	8.887	HH	4581	56537	0.52%	0.011%
178	8.909	8.887	8.927	HH	10071	170020	1.57%	0.033%
179	8.944	8.927	8.966	HH	10667	168617	1.55%	0.033%
180	8.982	8.966	8.998	HH	6316	107772	0.99%	0.021%
181	9.031	8.998	9.044	HH	6670	157913	1.46%	0.031%
182	9.081	9.044	9.103	HH	34190	494008	4.55%	0.096%
183	9.120	9.103	9.150	HH	12950	226606	2.09%	0.044%
184	9.165	9.150	9.196	HH	5336	133118	1.23%	0.026%
185	9.235	9.196	9.253	HH	11749	228021	2.10%	0.044%
186	9.267	9.253	9.303	HH	8092	171156	1.58%	0.033%
187	9.319	9.303	9.332	HH	5307	85868	0.79%	0.017%
188	9.372	9.332	9.398	HH	9762	250510	2.31%	0.049%
189	9.412	9.398	9.429	HH	5927	100105	0.92%	0.019%
190	9.456	9.429	9.507	HH	16876	428411	3.95%	0.083%
191	9.535	9.507	9.565	HH	14298	329535	3.04%	0.064%
192	9.581	9.565	9.591	HH	9140	128500	1.18%	0.025%
193	9.603	9.591	9.623	HH	9939	173376	1.60%	0.034%
194	9.637	9.623	9.650	HH	9497	140838	1.30%	0.027%

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195	9.661	9.650	9.684	HH	8789	155006	1.43%	0.030%
196	9.696	9.684	9.723	HH	6445	139533	1.29%	0.027%
197	9.736	9.723	9.755	HH	6023	110549	1.02%	0.021%
198	9.778	9.755	9.798	HH	9779	201610	1.86%	0.039%
199	9.824	9.798	9.834	HH	8450	173896	1.60%	0.034%
200	9.861	9.834	9.916	HH	132815	1748273	16.11%	0.339%
201	9.940	9.916	9.954	HH	7928	163715	1.51%	0.032%
202	9.970	9.954	10.003	HH	7828	195986	1.81%	0.038%
203	10.037	10.003	10.088	HH	8451	338224	3.12%	0.066%
204	10.097	10.088	10.117	HH	5760	98812	0.91%	0.019%
205	10.139	10.117	10.155	HH	6407	132761	1.22%	0.026%
206	10.164	10.155	10.169	HH	5819	48742	0.45%	0.009%
207	10.200	10.169	10.221	HH	10232	243366	2.24%	0.047%
208	10.250	10.221	10.276	HH	18480	382810	3.53%	0.074%
209	10.306	10.276	10.319	HH	11528	238009	2.19%	0.046%
210	10.337	10.319	10.362	HH	13396	263562	2.43%	0.051%
211	10.382	10.362	10.422	HH	11503	330823	3.05%	0.064%
212	10.452	10.422	10.491	HH	11609	362991	3.35%	0.070%
213	10.513	10.491	10.561	HH	14230	438383	4.04%	0.085%
214	10.600	10.561	10.618	HH	32666	579842	5.34%	0.112%
215	10.624	10.618	10.639	HH	14046	157467	1.45%	0.031%
216	10.670	10.639	10.699	HH	30306	647361	5.97%	0.125%
217	10.713	10.699	10.719	HH	9635	111036	1.02%	0.022%
218	10.726	10.719	10.743	HH	9652	132528	1.22%	0.026%
219	10.758	10.743	10.781	HH	10725	216231	1.99%	0.042%
220	10.799	10.781	10.808	HH	8546	136273	1.26%	0.026%
221	10.826	10.808	10.834	HH	9770	141414	1.30%	0.027%
222	10.859	10.834	10.905	HH	126846	1700776	15.67%	0.330%
223	10.934	10.905	10.962	HH	46216	756844	6.98%	0.147%
224	10.969	10.962	10.978	HH	11321	104999	0.97%	0.020%
225	10.991	10.978	11.034	HH	11928	343719	3.17%	0.067%
226	11.054	11.034	11.091	HH	10235	317712	2.93%	0.062%
227	11.111	11.091	11.130	HH	10493	215829	1.99%	0.042%
228	11.154	11.130	11.190	HH	16609	422668	3.90%	0.082%
229	11.222	11.190	11.238	HH	9878	263967	2.43%	0.051%
230	11.259	11.238	11.276	HH	10700	229049	2.11%	0.044%
231	11.304	11.276	11.337	HH	125978	1680688	15.49%	0.326%
232	11.355	11.337	11.363	HH	11164	168019	1.55%	0.033%
233	11.392	11.363	11.429	HH	24678	598420	5.52%	0.116%
234	11.459	11.429	11.477	HH	12179	299552	2.76%	0.058%
235	11.500	11.477	11.532	HH	13934	381242	3.51%	0.074%
236	11.552	11.532	11.576	HH	11563	277287	2.56%	0.054%
237	11.593	11.576	11.634	HH	11338	373993	3.45%	0.072%
238	11.662	11.634	11.677	HH	25110	433900	4.00%	0.084%
239	11.694	11.677	11.724	HH	31328	551924	5.09%	0.107%
240	11.777	11.724	11.795	HH	35127	855644	7.89%	0.166%
241	11.810	11.795	11.825	HH	28972	400493	3.69%	0.078%
242	11.842	11.825	11.884	HH	32049	644854	5.94%	0.125%
243	11.927	11.884	11.933	HH	12032	334700	3.08%	0.065%
244	11.974	11.933	12.007	HH	28816	757062	6.98%	0.147%
245	12.026	12.007	12.042	HH	18576	325912	3.00%	0.063%
246	12.064	12.042	12.109	HH	17016	555445	5.12%	0.108%

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247	12.133	12.109	12.157	HH	27898	523967	4.83%	0.102%
248	12.165	12.157	12.179	HH	13426	171168	1.58%	0.033%
249	12.196	12.179	12.209	HH	15020	252265	2.32%	0.049%
250	12.223	12.209	12.259	HH	16963	447965	4.13%	0.087%
251	12.280	12.259	12.298	HH	15404	319389	2.94%	0.062%
252	12.313	12.298	12.326	HH	13750	223874	2.06%	0.043%
253	12.340	12.326	12.356	HH	14702	254610	2.35%	0.049%
254	12.365	12.356	12.370	HH	14736	125295	1.15%	0.024%
255	12.387	12.370	12.397	HH	16932	252037	2.32%	0.049%
256	12.406	12.397	12.424	HH	16894	255482	2.35%	0.050%
257	12.454	12.424	12.493	HH	21743	698170	6.43%	0.135%
258	12.516	12.493	12.543	HH	27518	584677	5.39%	0.113%
259	12.564	12.543	12.583	HH	31536	570199	5.26%	0.111%
260	12.614	12.583	12.652	HH	125492	2090005	19.26%	0.405%
261	12.684	12.652	12.724	HH	371340	4824907	44.47%	0.935%
262	12.747	12.724	12.764	HH	16820	382041	3.52%	0.074%
263	12.777	12.764	12.794	HH	15523	270344	2.49%	0.052%
264	12.814	12.794	12.823	HH	17141	275963	2.54%	0.053%
265	12.838	12.823	12.849	HH	20115	292736	2.70%	0.057%
266	12.866	12.849	12.883	HH	28275	480895	4.43%	0.093%
267	12.892	12.883	12.908	HH	21757	310497	2.86%	0.060%
268	12.912	12.908	12.950	HH	19043	451964	4.17%	0.088%
269	12.983	12.950	13.015	HH	312997	4035971	37.20%	0.782%
270	13.035	13.015	13.051	HH	42362	647122	5.96%	0.125%
271	13.066	13.051	13.094	HH	41020	746935	6.88%	0.145%
272	13.110	13.094	13.134	HH	20207	464635	4.28%	0.090%
273	13.152	13.134	13.166	HH	24613	419521	3.87%	0.081%
274	13.183	13.166	13.205	HH	26793	540912	4.99%	0.105%
275	13.227	13.205	13.235	HH	28863	430063	3.96%	0.083%
276	13.247	13.235	13.292	HH	32524	861318	7.94%	0.167%
277	13.322	13.292	13.351	HH	23600	749508	6.91%	0.145%
278	13.375	13.351	13.415	HH	25944	848059	7.82%	0.164%
279	13.438	13.415	13.518	HH	36102	1509339	13.91%	0.293%
280	13.568	13.518	13.601	HH	47968	1476042	13.60%	0.286%
281	13.636	13.601	13.650	HH	24165	663503	6.11%	0.129%
282	13.676	13.650	13.698	HH	36808	828229	7.63%	0.161%
283	13.715	13.698	13.739	HH	39788	765065	7.05%	0.148%
284	13.755	13.739	13.780	HH	27713	622167	5.73%	0.121%
285	13.814	13.780	13.836	HH	125154	2098900	19.34%	0.407%
286	13.845	13.836	13.867	HH	39398	613236	5.65%	0.119%
287	13.886	13.867	13.928	HH	36308	1014607	9.35%	0.197%
288	13.965	13.928	13.983	HH	25371	802722	7.40%	0.156%
289	14.001	13.983	14.006	HH	24666	324032	2.99%	0.063%
290	14.044	14.006	14.073	HH	27843	1044341	9.62%	0.202%
291	14.078	14.073	14.081	HH	24946	126294	1.16%	0.024%
292	14.088	14.081	14.094	HH	25155	198934	1.83%	0.039%
293	14.100	14.094	14.116	HH	25406	328694	3.03%	0.064%
294	14.127	14.116	14.133	HH	24648	249441	2.30%	0.048%
295	14.148	14.133	14.154	HH	25129	315454	2.91%	0.061%
296	14.159	14.154	14.168	HH	25229	201858	1.86%	0.039%
297	14.178	14.168	14.197	HH	25577	445648	4.11%	0.086%
298	14.242	14.197	14.251	HH	28411	869141	8.01%	0.168%
299	14.272	14.251	14.286	HH	30359	624167	5.75%	0.121%

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300	14.306	14.286	14.353	HH	44325	1301354	11.99%	0.252%
301	14.376	14.353	14.395	HH	36645	806140	7.43%	0.156%
302	14.406	14.395	14.422	HH	30579	474324	4.37%	0.092%
303	14.441	14.422	14.455	HH	30137	570496	5.26%	0.111%
304	14.483	14.455	14.524	HH	46917	1493725	13.77%	0.290%
305	14.547	14.524	14.569	HH	60210	1178293	10.86%	0.228%
306	14.592	14.569	14.597	HH	39305	588229	5.42%	0.114%
307	14.611	14.597	14.649	HH	44432	1149453	10.59%	0.223%
308	14.667	14.649	14.685	HH	31888	660593	6.09%	0.128%
309	14.714	14.685	14.764	HH	68950	2031321	18.72%	0.394%
310	14.772	14.764	14.789	HH	30483	436659	4.02%	0.085%
311	14.813	14.789	14.830	HH	36949	822866	7.58%	0.160%
312	14.861	14.830	14.881	HH	165509	2602770	23.99%	0.505%
313	14.905	14.881	14.947	HH	185286	4016253	37.01%	0.779%
314	14.952	14.947	14.977	HH	35498	614934	5.67%	0.119%
315	15.022	14.977	15.043	HH	54180	1594584	14.70%	0.309%
316	15.055	15.043	15.078	HH	37618	748799	6.90%	0.145%
317	15.106	15.078	15.139	HH	40948	1330888	12.27%	0.258%
318	15.167	15.139	15.183	HH	46891	1067341	9.84%	0.207%
319	15.197	15.183	15.262	HH	43148	1799136	16.58%	0.349%
320	15.311	15.262	15.388	HH	51681	3016069	27.80%	0.585%
321	15.447	15.388	15.476	HH	47064	2144992	19.77%	0.416%
322	15.489	15.476	15.505	HH	42098	715326	6.59%	0.139%
323	15.533	15.505	15.554	HH	59280	1395222	12.86%	0.270%
324	15.572	15.554	15.600	HH	47629	1158475	10.68%	0.225%
325	15.620	15.600	15.649	HH	42303	1193384	11.00%	0.231%
326	15.695	15.649	15.727	HH	50832	2095575	19.31%	0.406%
327	15.770	15.727	15.798	HH	45947	1805812	16.64%	0.350%
328	15.817	15.798	15.824	HH	41695	657750	6.06%	0.128%
329	15.830	15.824	15.836	HH	41870	293606	2.71%	0.057%
330	15.858	15.836	15.879	HH	45244	1126542	10.38%	0.218%
331	15.901	15.879	15.910	HH	45531	816681	7.53%	0.158%
332	15.939	15.910	15.992	HH	133876	3327670	30.67%	0.645%
333	15.997	15.992	16.014	HH	44337	595988	5.49%	0.116%
334	16.034	16.014	16.054	HH	44051	1024828	9.44%	0.199%
335	16.070	16.054	16.079	HH	44098	665544	6.13%	0.129%
336	16.140	16.079	16.168	HH	50311	2506514	23.10%	0.486%
337	16.171	16.168	16.187	HH	48824	566595	5.22%	0.110%
338	16.207	16.187	16.227	HH	52135	1190308	10.97%	0.231%
339	16.242	16.227	16.253	HH	50999	778307	7.17%	0.151%
340	16.259	16.253	16.289	HH	51267	1103736	10.17%	0.214%
341	16.332	16.289	16.348	HH	57502	1852397	17.07%	0.359%
342	16.356	16.348	16.378	HH	53961	953477	8.79%	0.185%
343	16.424	16.378	16.442	HH	182210	3769610	34.74%	0.731%
344	16.450	16.442	16.496	HH	103827	2230813	20.56%	0.432%
345	16.502	16.496	16.508	HH	51009	360710	3.32%	0.070%
346	16.552	16.508	16.576	HH	73929	2379141	21.93%	0.461%
347	16.589	16.576	16.620	HH	57985	1467043	13.52%	0.284%
348	16.642	16.620	16.655	HH	55639	1160406	10.69%	0.225%
349	16.674	16.655	16.680	HH	56731	813041	7.49%	0.158%
350	16.683	16.680	16.689	HH	56380	323434	2.98%	0.063%
351	16.745	16.689	16.772	HH	131358	3881728	35.77%	0.752%

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352	16.804	16.772	16.840	HH	152700	3497171	32.23%	0.678%
353	16.892	16.840	16.936	HH	155613	4971694	45.82%	0.964%
354	16.954	16.936	16.981	HH	66360	1726312	15.91%	0.335%
355	17.019	16.981	17.024	HH	63472	1571377	14.48%	0.305%
356	17.047	17.024	17.086	HH	67263	2442497	22.51%	0.473%
357	17.116	17.086	17.125	HH	66083	1541208	14.20%	0.299%
358	17.165	17.125	17.193	HH	71974	2819894	25.99%	0.547%
359	17.213	17.193	17.244	HH	71195	2066475	19.04%	0.401%
360	17.340	17.244	17.365	HH	84585	5321319	49.04%	1.032%
361	17.390	17.365	17.406	HH	71962	1716910	15.82%	0.333%
362	17.421	17.406	17.438	HH	71552	1350988	12.45%	0.262%
363	17.462	17.438	17.492	HH	80771	2435157	22.44%	0.472%
364	17.512	17.492	17.537	HH	74406	1951350	17.98%	0.378%
365	17.571	17.537	17.598	HH	72495	2616069	24.11%	0.507%
366	17.616	17.598	17.626	HH	73791	1237086	11.40%	0.240%
367	17.636	17.626	17.641	HH	72943	641714	5.91%	0.124%
368	17.646	17.641	17.655	HH	73075	622276	5.74%	0.121%
369	17.689	17.655	17.701	HH	76126	2030916	18.72%	0.394%
370	17.706	17.701	17.712	HH	75860	533563	4.92%	0.103%
371	17.781	17.712	17.819	HH	168330	6231653	57.43%	1.208%
372	17.832	17.819	17.851	HH	76682	1422781	13.11%	0.276%
373	17.872	17.851	17.885	HH	79052	1590553	14.66%	0.308%
374	17.933	17.885	18.011	HH	95094	6464759	59.58%	1.253%
375	18.035	18.011	18.054	HH	82778	2137057	19.70%	0.414%
376	18.086	18.054	18.124	HH	97368	3728443	34.36%	0.723%
377	18.134	18.124	18.143	HH	87462	977488	9.01%	0.189%
378	18.178	18.143	18.243	HH	147393	6537042	60.25%	1.267%
379	18.266	18.243	18.278	HH	92746	1937598	17.86%	0.376%
380	18.305	18.278	18.324	HH	113350	2778007	25.60%	0.538%
381	18.340	18.324	18.403	HH	103827	4540079	41.84%	0.880%
382	18.434	18.403	18.460	HH	149494	3882943	35.79%	0.753%
383	18.465	18.460	18.468	HH	94742	436991	4.03%	0.085%
384	18.471	18.468	18.488	HH	94736	1118465	10.31%	0.217%
385	18.515	18.488	18.530	HH	96636	2397094	22.09%	0.465%
386	18.534	18.530	18.540	HH	93942	558808	5.15%	0.108%
387	18.565	18.540	18.586	HH	109868	2821531	26.00%	0.547%
388	18.614	18.586	18.650	HH	179091	4831296	44.53%	0.937%
389	18.669	18.650	18.686	HH	96634	2023488	18.65%	0.392%
390	18.724	18.686	18.745	HH	108316	3608809	33.26%	0.700%
391	18.772	18.745	18.793	HH	109636	3016489	27.80%	0.585%
392	18.802	18.793	18.832	HH	102584	2391866	22.04%	0.464%
393	18.870	18.832	18.887	HH	108269	3453260	31.83%	0.669%
394	18.898	18.887	18.902	HH	106311	961132	8.86%	0.186%
395	18.910	18.902	18.922	HH	106675	1244411	11.47%	0.241%
396	18.949	18.922	18.961	HH	107931	2507311	23.11%	0.486%
397	19.012	18.961	19.035	HH	128198	5132951	47.31%	0.995%
398	19.052	19.035	19.087	HH	115230	3474108	32.02%	0.673%
399	19.121	19.087	19.165	HH	117796	5268464	48.56%	1.021%
400	19.217	19.165	19.228	HH	115171	4275435	39.40%	0.829%
401	19.268	19.228	19.273	HH	116043	3098243	28.55%	0.601%
402	19.276	19.273	19.279	HH	116005	455523	4.20%	0.088%
403	19.292	19.279	19.300	HH	117943	1439100	13.26%	0.279%
404	19.306	19.300	19.310	HH	117239	744344	6.86%	0.144%

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405	19.317	19.310	19.324	HH	117289	978155	9.01%	0.190%
406	19.329	19.324	19.336	HH	117026	815129	7.51%	0.158%
407	19.343	19.336	19.348	HH	117216	824330	7.60%	0.160%
408	19.358	19.348	19.363	HH	117255	1047957	9.66%	0.203%
409	19.400	19.363	19.473	HH	194563	9115573	84.01%	1.767%
410	19.490	19.473	19.494	HH	122239	1581101	14.57%	0.306%
411	19.532	19.494	19.557	HH	129700	4722617	43.52%	0.915%
412	19.596	19.557	19.629	HH	144887	5828250	53.71%	1.130%
413	19.665	19.629	19.701	HH	147988	6017095	55.45%	1.166%
414	19.723	19.701	19.734	HH	139123	2782779	25.65%	0.539%
415	19.776	19.734	19.800	HH	151550	5715701	52.68%	1.108%
416	19.814	19.800	19.821	HH	139050	1735297	15.99%	0.336%
417	19.826	19.821	19.831	HH	138770	832874	7.68%	0.161%
418	19.835	19.831	19.847	HH	138214	1282145	11.82%	0.249%
419	19.852	19.847	19.861	HH	135543	1124740	10.37%	0.218%
420	19.878	19.861	19.885	HH	139336	2018158	18.60%	0.391%
421	19.894	19.885	19.900	HH	138623	1258535	11.60%	0.244%
422	19.904	19.900	19.913	HH	138663	1035566	9.54%	0.201%
423	19.975	19.913	20.010	HH	163459	8765798	80.79%	1.699%
424	20.050	20.010	20.095	HH	160921	7856285	72.40%	1.523%
425	20.142	20.095	20.177	HH	213852	8288125	76.38%	1.607%
426	20.182	20.177	20.185	HH	150253	779553	7.18%	0.151%
427	20.216	20.185	20.231	HH	157498	4259846	39.26%	0.826%
428	20.243	20.231	20.250	HH	155926	1714440	15.80%	0.332%
429	20.256	20.250	20.263	HH	155510	1188453	10.95%	0.230%
430	20.280	20.263	20.296	HH	158033	3151167	29.04%	0.611%
431	20.302	20.296	20.304	HH	157383	728270	6.71%	0.141%
432	20.320	20.304	20.338	HH	159894	3235550	29.82%	0.627%
433	20.359	20.338	20.382	HH	164670	4285519	39.50%	0.831%
434	20.386	20.382	20.394	HH	160691	1213129	11.18%	0.235%
435	20.415	20.394	20.428	HH	162510	3296158	30.38%	0.639%
436	20.433	20.428	20.443	HH	160585	1373305	12.66%	0.266%
437	20.502	20.443	20.528	HH	171420	8426120	77.66%	1.633%
438	20.533	20.528	20.541	HH	159587	1201208	11.07%	0.233%
439	20.546	20.541	20.551	HH	159894	958085	8.83%	0.186%
440	20.554	20.551	20.591	HH	159659	3716207	34.25%	0.720%
441	20.616	20.591	20.629	HH	157419	3631538	33.47%	0.704%
442	20.649	20.629	20.668	HH	160032	3656511	33.70%	0.709%
443	20.673	20.668	20.704	HH	158659	3455955	31.85%	0.670%
444	20.733	20.704	20.772	HH	159987	6391828	58.91%	1.239%
445	20.784	20.772	20.831	HH	156792	5441137	50.15%	1.055%
446	20.886	20.831	20.928	HH	202088	9674751	89.16%	1.875%
447	20.935	20.928	20.944	HH	147585	1415365	13.04%	0.274%
448	20.974	20.944	20.979	HH	150432	3104006	28.61%	0.602%
449	21.002	20.979	21.009	HH	153744	2783945	25.66%	0.540%
450	21.016	21.009	21.029	HH	154186	1855775	17.10%	0.360%
451	21.033	21.029	21.056	HH	154471	2437665	22.47%	0.473%
452	21.063	21.056	21.079	HH	152731	2142155	19.74%	0.415%
453	21.083	21.079	21.105	HH	152881	2313726	21.32%	0.448%
454	21.113	21.105	21.123	HH	151571	1619573	14.93%	0.314%
455	21.128	21.123	21.188	HH	151025	5856165	53.97%	1.135%
456	21.197	21.188	21.248	HH	148482	5162274	47.58%	1.001%

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457	21.262	21.248	21.269	HH	141322	1836523	16.93%	0.356%
458	21.316	21.269	21.346	HH	150125	6670241	61.47%	1.293%
459	21.352	21.346	21.355	HH	146522	803442	7.40%	0.156%
460	21.394	21.355	21.446	HH	152586	8152800	75.14%	1.580%
461	21.454	21.446	21.508	HH	146023	5272872	48.60%	1.022%
462	21.516	21.508	21.528	HH	141478	1684936	15.53%	0.327%
463	21.561	21.528	21.581	HH	142505	4509322	41.56%	0.874%
464	21.586	21.581	21.600	HH	140624	1584774	14.61%	0.307%
465	21.606	21.600	21.616	HH	139420	1315521	12.12%	0.255%
466	21.624	21.616	21.637	HH	139802	1805299	16.64%	0.350%
467	21.644	21.637	21.656	HH	137009	1502990	13.85%	0.291%
468	21.662	21.656	21.672	HH	135774	1319593	12.16%	0.256%
469	21.701	21.672	21.734	HH	139581	5136195	47.34%	0.996%
470	21.740	21.734	21.751	HH	136197	1361965	12.55%	0.264%
471	21.811	21.751	21.872	HH	173869	10850494	100.00%	2.103%
472	21.879	21.872	21.911	HH	136200	3165940	29.18%	0.614%
473	21.916	21.911	21.930	HH	133080	1543248	14.22%	0.299%
474	21.940	21.930	21.949	HH	132784	1497064	13.80%	0.290%
475	21.954	21.949	21.983	HH	131946	2658245	24.50%	0.515%
476	21.988	21.983	22.001	HHA	129934	1445377	13.32%	0.280%
					Sum of corrected areas:	515881070		

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