

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060721\
 Data File : FE033936.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2021 13:42
 Sample : M2597-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE060521.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.401	2.363	2.521	PH	833413	6643170	43.02%	1.021%
2	2.529	2.521	2.547	PH	133	-270	-0.00%	-0.000%
3	2.560	2.547	2.600	PH	3345	26676	0.17%	0.004%
4	2.618	2.600	2.649	PH	24443	175957	1.14%	0.027%
5	2.666	2.649	2.703	PH	1951	9589	0.06%	0.001%
6	2.717	2.703	2.735	PH	529	-5765	-0.04%	-0.001%
7	2.747	2.735	2.796	PH	-534	-42479	-0.28%	-0.007%
8	2.813	2.796	2.826	PH	-1017	-23757	-0.15%	-0.004%
9	2.850	2.826	2.911	PH	820	-65749	-0.43%	-0.010%
10	2.938	2.911	2.984	PH	3655	-8660	-0.06%	-0.001%
11	2.999	2.984	3.013	PH	-1434	-29866	-0.19%	-0.005%
12	3.030	3.013	3.047	PH	-1188	-31359	-0.20%	-0.005%
13	3.060	3.047	3.074	PH	-923	-23050	-0.15%	-0.004%
14	3.090	3.074	3.094	PH	-1142	-18119	-0.12%	-0.003%
15	3.118	3.094	3.131	PH	3450	24818	0.16%	0.004%
16	3.141	3.131	3.148	PH	532	1082	0.01%	0.000%
17	3.156	3.148	3.166	PH	995	3220	0.02%	0.000%
18	3.175	3.166	3.200	PH	682	-12772	-0.08%	-0.002%
19	3.225	3.200	3.240	PH	-1780	-46370	-0.30%	-0.007%
20	3.249	3.240	3.263	PH	-1981	-29414	-0.19%	-0.005%
21	3.278	3.263	3.328	PH	3016	-42880	-0.28%	-0.007%
22	3.342	3.328	3.375	PH	-941	-53234	-0.34%	-0.008%
23	3.396	3.375	3.411	PH	442	-31320	-0.20%	-0.005%
24	3.416	3.411	3.425	PH	-2214	-18595	-0.12%	-0.003%
25	3.433	3.425	3.467	PH	-1789	-55850	-0.36%	-0.009%
26	3.478	3.467	3.484	PH	-2399	-25713	-0.17%	-0.004%
27	3.506	3.484	3.531	PH	-1020	-47209	-0.31%	-0.007%
28	3.548	3.531	3.556	PH	-1606	-25733	-0.17%	-0.004%
29	3.560	3.556	3.574	PH	-1598	-18776	-0.12%	-0.003%
30	3.587	3.574	3.640	PH	-1902	-90919	-0.59%	-0.014%
31	3.693	3.640	3.742	PH	2168	-75651	-0.49%	-0.012%
32	3.762	3.742	3.788	PH	-1405	-51351	-0.33%	-0.008%
33	3.803	3.788	3.824	PH	-1481	-41094	-0.27%	-0.006%
34	3.832	3.824	3.846	PH	-1957	-26947	-0.17%	-0.004%
35	3.861	3.846	3.871	PH	-1828	-30956	-0.20%	-0.005%
36	3.886	3.871	3.898	PH	-122	-18271	-0.12%	-0.003%

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37	3.905	3.898	3.920	PH	-1402	-22660	-0.15%	-0.003%
38	3.932	3.920	3.950	PH	-1512	-35008	-0.23%	-0.005%
39	3.970	3.950	4.000	PH	-190	-49491	-0.32%	-0.008%
40	4.005	4.000	4.022	PH	-2266	-31918	-0.21%	-0.005%
41	4.069	4.022	4.092	PH	9446	83716	0.54%	0.013%
42	4.139	4.092	4.172	PH	13722	184872	1.20%	0.028%
43	4.200	4.172	4.266	PH	126232	1172711	7.59%	0.180%
44	4.277	4.266	4.288	PH	-113	-5705	-0.04%	-0.001%
45	4.298	4.288	4.342	PH	394	-36570	-0.24%	-0.006%
46	4.386	4.342	4.396	PH	1770	-12182	-0.08%	-0.002%
47	4.400	4.396	4.416	HH	1392	8231	0.05%	0.001%
48	4.452	4.416	4.486	PH	895538	8319622	53.88%	1.279%
49	4.498	4.486	4.512	PH	1177	4506	0.03%	0.001%
50	4.522	4.512	4.535	PH	-218	-5777	-0.04%	-0.001%
51	4.542	4.535	4.548	PH	-547	-4763	-0.03%	-0.001%
52	4.567	4.548	4.581	PH	2026	12744	0.08%	0.002%
53	4.597	4.581	4.649	HH	7140	70383	0.46%	0.011%
54	4.668	4.649	4.691	PH	2843	12946	0.08%	0.002%
55	4.700	4.691	4.717	PH	-599	-16101	-0.10%	-0.002%
56	4.734	4.717	4.749	PH	-111	-15818	-0.10%	-0.002%
57	4.760	4.749	4.771	PH	-832	-14500	-0.09%	-0.002%
58	4.788	4.771	4.813	PH	476	-8368	-0.05%	-0.001%
59	4.831	4.813	4.850	PH	808	-7628	-0.05%	-0.001%
60	4.866	4.850	4.887	PH	-1055	-27140	-0.18%	-0.004%
61	4.902	4.887	4.943	PH	-257	-35408	-0.23%	-0.005%
62	4.950	4.943	4.964	PH	-1438	-18985	-0.12%	-0.003%
63	4.980	4.964	4.991	PH	-1360	-24163	-0.16%	-0.004%
64	5.036	4.991	5.063	PH	1182	-1610	-0.01%	-0.000%
65	5.087	5.063	5.111	PH	3509	18005	0.12%	0.003%
66	5.136	5.111	5.155	PH	311	-7976	-0.05%	-0.001%
67	5.167	5.155	5.176	PH	-483	-8726	-0.06%	-0.001%
68	5.186	5.176	5.209	PH	-137	-12636	-0.08%	-0.002%
69	5.216	5.209	5.228	PH	-1093	-13076	-0.08%	-0.002%
70	5.253	5.228	5.276	PH	-590	-27606	-0.18%	-0.004%
71	5.301	5.276	5.326	PH	7044	50830	0.33%	0.008%
72	5.333	5.326	5.343	PH	-474	-5999	-0.04%	-0.001%
73	5.360	5.343	5.394	PH	956	-10460	-0.07%	-0.002%
74	5.412	5.394	5.425	PH	-969	-20640	-0.13%	-0.003%
75	5.435	5.425	5.459	PH	-912	-20766	-0.13%	-0.003%
76	5.480	5.459	5.503	PH	7100	55288	0.36%	0.008%
77	5.518	5.503	5.528	PH	-163	-5230	-0.03%	-0.001%
78	5.556	5.528	5.580	PH	7636	63886	0.41%	0.010%
79	5.596	5.580	5.639	PH	-248	-21539	-0.14%	-0.003%
80	5.657	5.639	5.691	PH	977	12869	0.08%	0.002%
81	5.725	5.691	5.740	PH	886	15220	0.10%	0.002%
82	5.749	5.740	5.774	HH	967	14471	0.09%	0.002%
83	5.786	5.774	5.809	HH	859	11851	0.08%	0.002%
84	5.822	5.809	5.844	HH	890	5867	0.04%	0.001%
85	5.882	5.844	5.916	PH	1662	24098	0.16%	0.004%
86	5.931	5.916	5.962	HH	947	9881	0.06%	0.002%
87	5.992	5.962	6.007	PH	734	8561	0.06%	0.001%
88	6.034	6.007	6.069	HH	50024	530871	3.44%	0.082%
89	6.089	6.069	6.154	HH	12696	165242	1.07%	0.025%

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90	6.175	6.154	6.196	HH	3154	37877	0.25%	0.006%
91	6.213	6.196	6.227	HH	1135	13709	0.09%	0.002%
92	6.242	6.227	6.259	HH	1534	19558	0.13%	0.003%
93	6.279	6.259	6.288	HH	833	12388	0.08%	0.002%
94	6.307	6.288	6.346	HH	4755	104925	0.68%	0.016%
95	6.350	6.346	6.368	HH	2059	21999	0.14%	0.003%
96	6.382	6.368	6.398	HH	1835	25569	0.17%	0.004%
97	6.410	6.398	6.431	HH	2884	36251	0.23%	0.006%
98	6.464	6.431	6.526	HH	869908	8820364	57.12%	1.355%
99	6.541	6.526	6.570	HH	1125	21358	0.14%	0.003%
100	6.608	6.570	6.645	HH	1466	40857	0.26%	0.006%
101	6.664	6.645	6.695	HH	1076	18660	0.12%	0.003%
102	6.711	6.695	6.722	HH	932	10052	0.07%	0.002%
103	6.737	6.722	6.763	HH	1392	22432	0.15%	0.003%
104	6.786	6.763	6.829	HH	2222	39548	0.26%	0.006%
105	6.865	6.829	6.881	HH	1340	25692	0.17%	0.004%
106	6.892	6.881	6.905	HH	893	11499	0.07%	0.002%
107	6.909	6.905	6.916	HH	821	5456	0.04%	0.001%
108	6.942	6.916	6.961	HH	11084	131972	0.85%	0.020%
109	6.973	6.961	7.012	HH	3601	83133	0.54%	0.013%
110	7.023	7.012	7.048	HH	1773	31660	0.21%	0.005%
111	7.088	7.048	7.107	HH	19337	230674	1.49%	0.035%
112	7.113	7.107	7.144	HH	3949	63526	0.41%	0.010%
113	7.160	7.144	7.201	HH	2705	64456	0.42%	0.010%
114	7.223	7.201	7.244	HH	16489	185686	1.20%	0.029%
115	7.253	7.244	7.271	HH	2641	33971	0.22%	0.005%
116	7.283	7.271	7.303	HH	1723	28289	0.18%	0.004%
117	7.313	7.303	7.317	HH	1369	11019	0.07%	0.002%
118	7.333	7.317	7.338	HH	1635	18129	0.12%	0.003%
119	7.342	7.338	7.361	HH	1633	20216	0.13%	0.003%
120	7.382	7.361	7.393	HH	6689	79729	0.52%	0.012%
121	7.406	7.393	7.469	HH	7998	161073	1.04%	0.025%
122	7.474	7.469	7.490	HH	1794	20596	0.13%	0.003%
123	7.505	7.490	7.538	HH	2251	55251	0.36%	0.008%
124	7.561	7.538	7.580	HH	1686	39901	0.26%	0.006%
125	7.604	7.580	7.628	HH	2061	51350	0.33%	0.008%
126	7.671	7.628	7.704	HH	7155	138250	0.90%	0.021%
127	7.727	7.704	7.761	HH	2392	66328	0.43%	0.010%
128	7.766	7.761	7.770	HH	1896	10244	0.07%	0.002%
129	7.811	7.770	7.825	HH	9400	180462	1.17%	0.028%
130	7.838	7.825	7.861	HH	9377	126626	0.82%	0.019%
131	7.872	7.861	7.887	HH	2843	40668	0.26%	0.006%
132	7.900	7.887	7.931	HH	2891	66051	0.43%	0.010%
133	7.950	7.931	7.956	HH	3933	46304	0.30%	0.007%
134	7.969	7.956	7.985	HH	5284	76864	0.50%	0.012%
135	7.993	7.985	8.026	HH	3985	91538	0.59%	0.014%
136	8.031	8.026	8.045	HH	3208	33946	0.22%	0.005%
137	8.086	8.045	8.109	HH	11485	292479	1.89%	0.045%
138	8.117	8.109	8.132	HH	6069	75765	0.49%	0.012%
139	8.152	8.132	8.165	HH	7656	119846	0.78%	0.018%
140	8.184	8.165	8.200	HH	18877	242208	1.57%	0.037%
141	8.230	8.200	8.235	HH	56485	627365	4.06%	0.096%

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142	8.261	8.235	8.293	HH	812932	9243994	59.86%	1.421%
143	8.326	8.293	8.349	HH	413879	4475881	28.98%	0.688%
144	8.370	8.349	8.432	HH	43223	758736	4.91%	0.117%
145	8.455	8.432	8.495	HH	9839	237495	1.54%	0.036%
146	8.505	8.495	8.524	HH	4284	69224	0.45%	0.011%
147	8.565	8.524	8.594	HH	5359	173851	1.13%	0.027%
148	8.621	8.594	8.642	HH	8822	172118	1.11%	0.026%
149	8.665	8.642	8.688	HH	45780	537148	3.48%	0.083%
150	8.714	8.688	8.764	HH	11500	352730	2.28%	0.054%
151	8.785	8.764	8.803	HH	7883	154338	1.00%	0.024%
152	8.812	8.803	8.827	HH	6631	87316	0.57%	0.013%
153	8.852	8.827	8.883	HH	33086	465487	3.01%	0.072%
154	8.904	8.883	8.919	HH	11998	184164	1.19%	0.028%
155	8.937	8.919	8.962	HH	34944	441360	2.86%	0.068%
156	8.991	8.962	9.014	HH	10831	255344	1.65%	0.039%
157	9.025	9.014	9.044	HH	7135	108506	0.70%	0.017%
158	9.075	9.044	9.093	HH	16779	274003	1.77%	0.042%
159	9.114	9.093	9.151	HH	12214	268837	1.74%	0.041%
160	9.170	9.151	9.204	HH	8529	196992	1.28%	0.030%
161	9.229	9.204	9.246	HH	11641	195553	1.27%	0.030%
162	9.261	9.246	9.285	HH	10689	180125	1.17%	0.028%
163	9.314	9.285	9.331	HH	8197	179389	1.16%	0.028%
164	9.366	9.331	9.388	HH	12021	278883	1.81%	0.043%
165	9.408	9.388	9.426	HH	16688	244002	1.58%	0.037%
166	9.449	9.426	9.503	HH	64473	956337	6.19%	0.147%
167	9.527	9.503	9.557	HH	13888	318771	2.06%	0.049%
168	9.572	9.557	9.580	HH	10819	130029	0.84%	0.020%
169	9.598	9.580	9.617	HH	17818	308264	2.00%	0.047%
170	9.628	9.617	9.641	HH	10391	136638	0.88%	0.021%
171	9.660	9.641	9.681	HH	12968	250068	1.62%	0.038%
172	9.688	9.681	9.701	HH	9760	113425	0.73%	0.017%
173	9.710	9.701	9.746	HH	9850	233067	1.51%	0.036%
174	9.770	9.746	9.806	HH	21205	450910	2.92%	0.069%
175	9.819	9.806	9.826	HH	9548	109942	0.71%	0.017%
176	9.860	9.826	9.915	HH	819994	9618173	62.28%	1.478%
177	9.933	9.915	9.949	HH	10943	193820	1.26%	0.030%
178	9.962	9.949	9.987	HH	9653	195561	1.27%	0.030%
179	10.008	9.987	10.025	HH	13436	240177	1.56%	0.037%
180	10.033	10.025	10.083	HH	9691	287137	1.86%	0.044%
181	10.109	10.083	10.119	HH	7464	158559	1.03%	0.024%
182	10.135	10.119	10.146	HH	8116	127138	0.82%	0.020%
183	10.158	10.146	10.176	HH	8264	140872	0.91%	0.022%
184	10.195	10.176	10.219	HH	11142	245954	1.59%	0.038%
185	10.243	10.219	10.266	HH	12804	293458	1.90%	0.045%
186	10.300	10.266	10.315	HH	15749	355986	2.31%	0.055%
187	10.332	10.315	10.356	HH	22749	400838	2.60%	0.062%
188	10.374	10.356	10.414	HH	17355	428481	2.77%	0.066%
189	10.449	10.414	10.465	HH	18956	419683	2.72%	0.064%
190	10.476	10.465	10.486	HH	15403	184893	1.20%	0.028%
191	10.504	10.486	10.535	HH	32554	592935	3.84%	0.091%
192	10.547	10.535	10.561	HH	13707	200767	1.30%	0.031%
193	10.592	10.561	10.604	HH	18081	386072	2.50%	0.059%
194	10.619	10.604	10.632	HH	21766	305940	1.98%	0.047%

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195	10.656	10.632	10.692	HH	37995	834199	5.40%	0.128%
196	10.707	10.692	10.714	HH	16342	203091	1.32%	0.031%
197	10.729	10.714	10.743	HH	18797	301543	1.95%	0.046%
198	10.752	10.743	10.771	HH	17775	262887	1.70%	0.040%
199	10.784	10.771	10.804	HH	13185	247129	1.60%	0.038%
200	10.822	10.804	10.829	HH	16678	213742	1.38%	0.033%
201	10.858	10.829	10.901	HH	514519	6106263	39.54%	0.938%
202	10.929	10.901	10.951	HH	137445	1739270	11.26%	0.267%
203	10.962	10.951	10.998	HH	22392	490339	3.18%	0.075%
204	11.023	10.998	11.054	HH	14495	450296	2.92%	0.069%
205	11.071	11.054	11.087	HH	15397	268172	1.74%	0.041%
206	11.104	11.087	11.124	HH	19727	357242	2.31%	0.055%
207	11.147	11.124	11.186	HH	54947	961024	6.22%	0.148%
208	11.219	11.186	11.228	HH	13980	326859	2.12%	0.050%
209	11.250	11.228	11.267	HH	17049	372918	2.41%	0.057%
210	11.304	11.267	11.334	HH	778006	9625501	62.33%	1.479%
211	11.349	11.334	11.354	HH	18455	215932	1.40%	0.033%
212	11.380	11.354	11.415	HH	29576	810897	5.25%	0.125%
213	11.454	11.415	11.476	HH	22042	631492	4.09%	0.097%
214	11.504	11.476	11.524	HH	20568	499320	3.23%	0.077%
215	11.557	11.524	11.596	HH	24490	779172	5.05%	0.120%
216	11.613	11.596	11.629	HH	17380	309573	2.00%	0.048%
217	11.657	11.629	11.672	HH	74758	1054128	6.83%	0.162%
218	11.688	11.672	11.734	HH	93091	1508073	9.77%	0.232%
219	11.772	11.734	11.790	HH	76267	1440832	9.33%	0.221%
220	11.806	11.790	11.820	HH	53376	692710	4.49%	0.106%
221	11.836	11.820	11.869	HH	64509	1037481	6.72%	0.159%
222	11.886	11.869	11.895	HH	16097	236378	1.53%	0.036%
223	11.935	11.895	11.953	HH	21749	661065	4.28%	0.102%
224	11.968	11.953	11.998	HH	20717	524265	3.39%	0.081%
225	12.019	11.998	12.041	HH	49553	793985	5.14%	0.122%
226	12.067	12.041	12.101	HH	27813	823884	5.34%	0.127%
227	12.126	12.101	12.171	HH	56527	1211034	7.84%	0.186%
228	12.252	12.171	12.292	HH	365148	7541485	48.84%	1.159%
229	12.310	12.292	12.319	HH	23435	344714	2.23%	0.053%
230	12.325	12.319	12.344	HH	22919	327893	2.12%	0.050%
231	12.376	12.344	12.390	HH	25459	638253	4.13%	0.098%
232	12.401	12.390	12.419	HH	24709	385404	2.50%	0.059%
233	12.447	12.419	12.459	HH	32682	612417	3.97%	0.094%
234	12.464	12.459	12.488	HH	28133	399711	2.59%	0.061%
235	12.514	12.488	12.538	HH	40215	838999	5.43%	0.129%
236	12.560	12.538	12.578	HH	54128	904112	5.85%	0.139%
237	12.614	12.578	12.646	HH	780289	10449710	67.67%	1.606%
238	12.684	12.646	12.720	HH	592467	7861927	50.91%	1.208%
239	12.742	12.720	12.760	HH	24175	515885	3.34%	0.079%
240	12.771	12.760	12.788	HH	20880	335332	2.17%	0.052%
241	12.812	12.788	12.823	HH	31637	549134	3.56%	0.084%
242	12.859	12.823	12.876	HH	44890	1137591	7.37%	0.175%
243	12.889	12.876	12.947	HH	38484	1175486	7.61%	0.181%
244	12.981	12.947	13.012	HH	501758	6424810	41.61%	0.987%
245	13.030	13.012	13.045	HH	62985	918412	5.95%	0.141%
246	13.062	13.045	13.093	HH	75042	1269752	8.22%	0.195%

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247	13.111	13.093	13.116	HH	22827	308490	2.00%	0.047%
248	13.120	13.116	13.126	HH	22574	131115	0.85%	0.020%
249	13.147	13.126	13.163	HH	38137	653519	4.23%	0.100%
250	13.183	13.163	13.204	HH	41432	802928	5.20%	0.123%
251	13.241	13.204	13.270	HH	60915	1473003	9.54%	0.226%
252	13.295	13.270	13.306	HH	39535	739191	4.79%	0.114%
253	13.320	13.306	13.348	HH	42624	849605	5.50%	0.131%
254	13.373	13.348	13.410	HH	41855	1203602	7.79%	0.185%
255	13.462	13.410	13.501	HH	151666	3525304	22.83%	0.542%
256	13.564	13.501	13.607	HH	107700	2938538	19.03%	0.452%
257	13.630	13.607	13.646	HH	32735	698010	4.52%	0.107%
258	13.671	13.646	13.692	HH	73201	1306569	8.46%	0.201%
259	13.712	13.692	13.733	HH	67926	1137989	7.37%	0.175%
260	13.750	13.733	13.773	HH	38349	786942	5.10%	0.121%
261	13.813	13.773	13.835	HH	773934	10428229	67.53%	1.603%
262	13.841	13.835	13.863	HH	64308	833548	5.40%	0.128%
263	13.882	13.863	13.923	HH	60868	1400360	9.07%	0.215%
264	13.958	13.923	13.979	HH	35618	1037294	6.72%	0.159%
265	14.000	13.979	14.016	HH	30214	638178	4.13%	0.098%
266	14.034	14.016	14.056	HH	30547	698765	4.52%	0.107%
267	14.090	14.056	14.108	HH	30420	920250	5.96%	0.141%
268	14.126	14.108	14.137	HH	30263	516515	3.34%	0.079%
269	14.145	14.137	14.177	HH	29933	689060	4.46%	0.106%
270	14.199	14.177	14.221	HH	45532	960419	6.22%	0.148%
271	14.268	14.221	14.285	HH	41140	1388883	8.99%	0.213%
272	14.304	14.285	14.335	HH	64130	1338057	8.66%	0.206%
273	14.374	14.335	14.392	HH	43927	1250047	8.09%	0.192%
274	14.403	14.392	14.416	HH	41027	558050	3.61%	0.086%
275	14.433	14.416	14.453	HH	51932	951390	6.16%	0.146%
276	14.479	14.453	14.500	HH	71967	1492280	9.66%	0.229%
277	14.509	14.500	14.520	HH	40638	457818	2.96%	0.070%
278	14.543	14.520	14.567	HH	98915	1795793	11.63%	0.276%
279	14.608	14.567	14.621	HH	76403	1848840	11.97%	0.284%
280	14.640	14.621	14.678	HH	141940	2486988	16.10%	0.382%
281	14.713	14.678	14.748	HH	602956	9605807	62.20%	1.476%
282	14.755	14.748	14.785	HH	40944	807082	5.23%	0.124%
283	14.811	14.785	14.829	HH	50851	1044830	6.77%	0.161%
284	14.860	14.829	14.881	HH	277076	4242707	27.47%	0.652%
285	14.918	14.881	14.973	HH	750160	13742402	88.99%	2.112%
286	15.020	14.973	15.071	HH	79985	2738776	17.74%	0.421%
287	15.103	15.071	15.132	HH	51739	1500609	9.72%	0.231%
288	15.164	15.132	15.184	HH	60445	1392179	9.02%	0.214%
289	15.200	15.184	15.228	HH	49076	1197864	7.76%	0.184%
290	15.233	15.228	15.261	HH	44627	798203	5.17%	0.123%
291	15.294	15.261	15.334	HH	414248	6891708	44.63%	1.059%
292	15.343	15.334	15.376	HH	44448	998089	6.46%	0.153%
293	15.453	15.376	15.476	HH	172562	4025725	26.07%	0.619%
294	15.508	15.476	15.520	HH	92247	1822228	11.80%	0.280%
295	15.531	15.520	15.552	HH	90999	1362464	8.82%	0.209%
296	15.569	15.552	15.598	HH	61512	1369836	8.87%	0.211%
297	15.615	15.598	15.631	HH	48799	880945	5.70%	0.135%
298	15.641	15.631	15.647	HH	43967	435924	2.82%	0.067%
299	15.691	15.647	15.732	HH	67219	2711409	17.56%	0.417%

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300	15.767	15.732	15.788	HH	50917	1494902	9.68%	0.230%
301	15.808	15.788	15.832	HH	51237	1177496	7.63%	0.181%
302	15.852	15.832	15.876	HH	50989	1163687	7.54%	0.179%
303	15.900	15.876	15.906	HH	50795	801129	5.19%	0.123%
304	15.940	15.906	15.986	HH	704409	10664344	69.06%	1.639%
305	16.015	15.986	16.024	HH	41733	933691	6.05%	0.143%
306	16.030	16.024	16.047	HH	41770	557682	3.61%	0.086%
307	16.062	16.047	16.082	HH	41188	864010	5.60%	0.133%
308	16.129	16.082	16.138	HH	48152	1445743	9.36%	0.222%
309	16.157	16.138	16.185	HH	49246	1321957	8.56%	0.203%
310	16.206	16.185	16.219	HH	54608	1029572	6.67%	0.158%
311	16.237	16.219	16.257	HH	58312	1202947	7.79%	0.185%
312	16.265	16.257	16.282	HH	51975	781631	5.06%	0.120%
313	16.307	16.282	16.346	HH	86877	2584308	16.74%	0.397%
314	16.358	16.346	16.378	HH	59772	1067596	6.91%	0.164%
315	16.426	16.378	16.442	HH	277347	5292805	34.27%	0.813%
316	16.451	16.442	16.475	HH	156277	2070377	13.41%	0.318%
317	16.499	16.475	16.525	HH	67051	1746013	11.31%	0.268%
318	16.552	16.525	16.573	HH	94297	1974518	12.79%	0.303%
319	16.586	16.573	16.601	HH	59264	944528	6.12%	0.145%
320	16.608	16.601	16.633	HH	55533	1052624	6.82%	0.162%
321	16.644	16.633	16.649	HH	52077	498792	3.23%	0.077%
322	16.672	16.649	16.690	HH	71895	1536306	9.95%	0.236%
323	16.715	16.690	16.724	HH	91213	1578273	10.22%	0.243%
324	16.746	16.724	16.773	HH	190440	3471338	22.48%	0.533%
325	16.806	16.773	16.845	HH	239382	4691301	30.38%	0.721%
326	16.891	16.845	16.926	HH	699329	11704091	75.79%	1.799%
327	16.953	16.926	16.988	HH	65475	2209461	14.31%	0.340%
328	17.011	16.988	17.019	HH	59191	1076351	6.97%	0.165%
329	17.041	17.019	17.085	HH	65449	2395609	15.51%	0.368%
330	17.104	17.085	17.123	HH	58724	1292161	8.37%	0.199%
331	17.165	17.123	17.230	HH	74916	4156487	26.92%	0.639%
332	17.252	17.230	17.276	HH	73872	1853772	12.00%	0.285%
333	17.302	17.276	17.308	HH	69434	1265838	8.20%	0.195%
334	17.330	17.308	17.363	HH	89692	2392647	15.49%	0.368%
335	17.387	17.363	17.402	HH	65329	1460229	9.46%	0.224%
336	17.415	17.402	17.435	HH	65459	1263436	8.18%	0.194%
337	17.461	17.435	17.486	HH	75054	2010580	13.02%	0.309%
338	17.498	17.486	17.525	HH	63267	1439309	9.32%	0.221%
339	17.532	17.525	17.543	HH	60106	640593	4.15%	0.098%
340	17.561	17.543	17.568	HH	62046	913519	5.92%	0.140%
341	17.574	17.568	17.591	HH	62470	869636	5.63%	0.134%
342	17.613	17.591	17.630	HH	62251	1399083	9.06%	0.215%
343	17.643	17.630	17.660	HH	60875	1112789	7.21%	0.171%
344	17.672	17.660	17.682	HH	61397	775424	5.02%	0.119%
345	17.780	17.682	17.816	HH	652094	13577787	87.93%	2.087%
346	17.822	17.816	17.837	HH	63860	808464	5.24%	0.124%
347	17.866	17.837	17.884	HH	75834	1976094	12.80%	0.304%
348	17.891	17.884	17.912	HH	72423	1182977	7.66%	0.182%
349	17.948	17.912	17.965	HH	81914	2385253	15.45%	0.367%
350	17.976	17.965	17.988	HH	75850	1035111	6.70%	0.159%
351	18.007	17.988	18.026	HH	80908	1755684	11.37%	0.270%

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352	18.034	18.026	18.055	HH	73576	1242833	8.05%	0.191%
353	18.084	18.055	18.107	HH	106168	2779751	18.00%	0.427%
354	18.133	18.107	18.157	HH	200602	4117132	26.66%	0.633%
355	18.180	18.157	18.243	HH	185622	6089424	39.43%	0.936%
356	18.259	18.243	18.280	HH	83097	1796647	11.63%	0.276%
357	18.306	18.280	18.325	HH	103785	2382307	15.43%	0.366%
358	18.340	18.325	18.405	HH	98113	4047521	26.21%	0.622%
359	18.435	18.405	18.466	HH	174607	4045148	26.20%	0.622%
360	18.516	18.466	18.532	HH	83730	3206009	20.76%	0.493%
361	18.564	18.532	18.578	HH	108098	2582223	16.72%	0.397%
362	18.613	18.578	18.647	HH	646243	11717226	75.88%	1.801%
363	18.660	18.647	18.675	HH	82575	1342977	8.70%	0.206%
364	18.710	18.675	18.721	HH	85940	2325360	15.06%	0.357%
365	18.732	18.721	18.744	HH	86127	1180701	7.65%	0.181%
366	18.766	18.744	18.797	HH	91973	2730646	17.68%	0.420%
367	18.811	18.797	18.817	HH	84072	1035709	6.71%	0.159%
368	18.826	18.817	18.832	HH	83850	741064	4.80%	0.114%
369	18.865	18.832	18.883	HH	91504	2647245	17.14%	0.407%
370	18.901	18.883	18.923	HH	89396	2103091	13.62%	0.323%
371	18.962	18.923	18.990	HH	167193	4873204	31.56%	0.749%
372	19.007	18.990	19.056	HH	113618	4066641	26.33%	0.625%
373	19.109	19.056	19.126	HH	98381	3995800	25.88%	0.614%
374	19.141	19.126	19.171	HH	98983	2584743	16.74%	0.397%
375	19.178	19.171	19.197	HH	90535	1373353	8.89%	0.211%
376	19.213	19.197	19.220	HH	90177	1263981	8.19%	0.194%
377	19.248	19.220	19.276	HH	97190	3155355	20.43%	0.485%
378	19.299	19.276	19.329	HH	93112	2898449	18.77%	0.445%
379	19.398	19.329	19.434	HH	619044	13252561	85.82%	2.037%
380	19.462	19.434	19.483	HH	110522	3065411	19.85%	0.471%
381	19.504	19.483	19.539	HH	105949	3446478	22.32%	0.530%
382	19.549	19.539	19.554	HH	101760	895194	5.80%	0.138%
383	19.592	19.554	19.622	HH	136187	4810362	31.15%	0.739%
384	19.661	19.622	19.696	HH	141648	5343838	34.61%	0.821%
385	19.756	19.696	19.828	HH	139533	9281945	60.11%	1.426%
386	19.844	19.828	19.850	HH	104164	1348909	8.74%	0.207%
387	19.877	19.850	19.894	HH	111045	2893379	18.74%	0.445%
388	19.908	19.894	19.918	HH	107552	1514997	9.81%	0.233%
389	19.974	19.918	20.019	HH	157076	7648235	49.53%	1.175%
390	20.042	20.019	20.058	HH	128110	2921516	18.92%	0.449%
391	20.069	20.058	20.094	HH	121560	2533812	16.41%	0.389%
392	20.138	20.094	20.200	HH	583408	14388217	93.17%	2.211%
393	20.215	20.200	20.219	HH	117751	1301254	8.43%	0.200%
394	20.225	20.219	20.229	HH	117680	734626	4.76%	0.113%
395	20.251	20.229	20.259	HH	120731	2101708	13.61%	0.323%
396	20.272	20.259	20.285	HH	121661	1896241	12.28%	0.291%
397	20.300	20.285	20.305	HH	121541	1467569	9.50%	0.226%
398	20.307	20.305	20.331	HH	121143	1893216	12.26%	0.291%
399	20.354	20.331	20.359	HH	119396	1998496	12.94%	0.307%
400	20.372	20.359	20.382	HH	119819	1591508	10.31%	0.245%
401	20.396	20.382	20.408	HH	120201	1918943	12.43%	0.295%
402	20.413	20.408	20.418	HH	119213	671630	4.35%	0.103%
403	20.425	20.418	20.429	HH	119141	805561	5.22%	0.124%
404	20.435	20.429	20.439	HH	119484	719571	4.66%	0.111%

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405	20.488	20.439	20.577	HH	130048	10082089	65.29%	1.549%
406	20.583	20.577	20.586	HH	116277	615120	3.98%	0.095%
407	20.595	20.586	20.601	HH	116763	1049776	6.80%	0.161%
408	20.638	20.601	20.699	HH	120547	6982068	45.21%	1.073%
409	20.727	20.699	20.743	HH	117703	3080768	19.95%	0.473%
410	20.759	20.743	20.765	HH	117468	1499190	9.71%	0.230%
411	20.771	20.765	20.776	HH	117451	819766	5.31%	0.126%
412	20.795	20.776	20.818	HH	117587	2923191	18.93%	0.449%
413	20.825	20.818	20.832	HH	116225	990421	6.41%	0.152%
414	20.882	20.832	20.945	HH	480062	14254025	92.30%	2.191%
415	20.952	20.945	20.956	HH	111624	733611	4.75%	0.113%
416	20.997	20.956	21.003	HH	115637	3252848	21.06%	0.500%
417	21.015	21.003	21.059	HH	116825	3852257	24.95%	0.592%
418	21.090	21.059	21.118	HH	114205	4006639	25.95%	0.616%
419	21.123	21.118	21.141	HH	112225	1501779	9.73%	0.231%
420	21.170	21.141	21.180	HH	112568	2643699	17.12%	0.406%
421	21.192	21.180	21.246	HH	113357	4383510	28.39%	0.674%
422	21.304	21.246	21.333	HH	117185	5864891	37.98%	0.901%
423	21.389	21.333	21.452	HH	119486	8194789	53.07%	1.259%
424	21.456	21.452	21.531	HH	111686	5209152	33.73%	0.801%
425	21.542	21.531	21.548	HH	107177	1060730	6.87%	0.163%
426	21.555	21.548	21.559	HH	108025	727014	4.71%	0.112%
427	21.564	21.559	21.577	HH	108080	1178474	7.63%	0.181%
428	21.582	21.577	21.592	HH	106646	952398	6.17%	0.146%
429	21.607	21.592	21.641	HH	107201	3106114	20.11%	0.477%
430	21.690	21.641	21.738	HH	114564	6301507	40.81%	0.968%
431	21.804	21.738	21.878	HH	380058	15442366	100.00%	2.373%
432	21.887	21.878	21.901	HHA	105425	1524480	9.87%	0.234%
					Sum of corrected areas:		650712157	

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