

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091319\
 Data File : FF005559.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2019 18:07
 Sample : K4873-06
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090319.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.263	2.242	2.302	BH	1248	5110	0.02%	0.000%
2	2.307	2.302	2.372	PH	-236	-17454	-0.05%	-0.001%
3	2.378	2.372	2.390	PH	-509	-5603	-0.02%	-0.000%
4	2.397	2.390	2.403	PH	-450	-3741	-0.01%	-0.000%
5	2.406	2.403	2.420	PH	-492	-5772	-0.02%	-0.000%
6	2.426	2.420	2.432	PH	-528	-4066	-0.01%	-0.000%
7	2.450	2.432	2.474	PH	-355	-12174	-0.04%	-0.001%
8	2.489	2.474	2.515	PH	1273	188	0.00%	0.000%
9	2.532	2.515	2.544	PH	150	-4787	-0.01%	-0.000%
10	2.549	2.544	2.565	PH	-381	-7328	-0.02%	-0.000%
11	2.585	2.565	2.601	PH	-373	-14861	-0.05%	-0.001%
12	2.621	2.601	2.658	PH	-557	-24858	-0.08%	-0.001%
13	2.661	2.658	2.702	PH	-762	-23350	-0.07%	-0.001%
14	2.719	2.702	2.791	PH	2034	-9636	-0.03%	-0.001%
15	2.810	2.791	2.864	PH	3035	31963	0.10%	0.002%
16	2.878	2.864	2.890	PH	-339	-8083	-0.02%	-0.000%
17	2.905	2.890	2.942	PH	-314	-17047	-0.05%	-0.001%
18	2.953	2.942	2.959	PH	-794	-8727	-0.03%	-0.000%
19	2.991	2.959	3.019	PH	2514	24634	0.08%	0.001%
20	3.031	3.019	3.077	HH	3133	27636	0.08%	0.001%
21	3.100	3.077	3.116	PH	52	-2296	-0.01%	-0.000%
22	3.123	3.116	3.147	PH	-246	-8751	-0.03%	-0.000%
23	3.177	3.147	3.209	PH	-0	-12776	-0.04%	-0.001%
24	3.227	3.209	3.261	PH	71	-12554	-0.04%	-0.001%
25	3.280	3.261	3.359	PH	597	-40315	-0.12%	-0.002%
26	3.380	3.359	3.421	PH	188	-27588	-0.08%	-0.001%
27	3.425	3.421	3.441	PH	-1006	-13451	-0.04%	-0.001%
28	3.445	3.441	3.449	PH	-1149	-5701	-0.02%	-0.000%
29	3.478	3.449	3.507	PH	-882	-37220	-0.11%	-0.002%
30	3.515	3.507	3.526	PH	-1216	-14282	-0.04%	-0.001%
31	3.544	3.526	3.558	PH	-786	-19256	-0.06%	-0.001%
32	3.573	3.558	3.598	PH	-206	-16919	-0.05%	-0.001%
33	3.604	3.598	3.635	PH	-931	-25457	-0.08%	-0.001%
34	3.655	3.635	3.679	PH	-336	-20491	-0.06%	-0.001%
35	3.695	3.679	3.713	PH	-484	-14509	-0.04%	-0.001%
36	3.727	3.713	3.757	PH	-652	-25574	-0.08%	-0.001%

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37	3.776	3.757	3.789	PH	529	-6233	-0.02%	-0.000%
38	3.797	3.789	3.810	PH	-321	-6375	-0.02%	-0.000%
39	3.817	3.810	3.839	PH	-755	-16795	-0.05%	-0.001%
40	3.859	3.839	3.916	PH	749	-34813	-0.11%	-0.002%
41	3.958	3.916	4.032	PH	13620	246893	0.76%	0.013%
42	4.041	4.032	4.089	HH	1389	14811	0.05%	0.001%
43	4.114	4.089	4.142	PH	3780	40291	0.12%	0.002%
44	4.153	4.142	4.184	HH	414	2397	0.01%	0.000%
45	4.186	4.184	4.214	PH	-116	-6109	-0.02%	-0.000%
46	4.231	4.214	4.256	PH	-309	-12429	-0.04%	-0.001%
47	4.262	4.256	4.272	PH	-538	-5868	-0.02%	-0.000%
48	4.279	4.272	4.286	PH	-597	-5691	-0.02%	-0.000%
49	4.302	4.286	4.326	PH	-468	-16054	-0.05%	-0.001%
50	4.350	4.326	4.371	PH	1535	-1002	-0.00%	-0.000%
51	4.393	4.371	4.409	PH	360	-8578	-0.03%	-0.000%
52	4.420	4.409	4.436	PH	-430	-9490	-0.03%	-0.000%
53	4.452	4.436	4.460	PH	113	-3955	-0.01%	-0.000%
54	4.465	4.460	4.481	PH	96	-2317	-0.01%	-0.000%
55	4.500	4.481	4.533	PH	2814	16654	0.05%	0.001%
56	4.550	4.533	4.555	PH	-334	-6338	-0.02%	-0.000%
57	4.572	4.555	4.590	PH	549	1241	0.00%	0.000%
58	4.603	4.590	4.618	PH	287	-2781	-0.01%	-0.000%
59	4.632	4.618	4.645	PH	-283	-8527	-0.03%	-0.000%
60	4.653	4.645	4.671	PH	-628	-11375	-0.03%	-0.001%
61	4.674	4.671	4.686	PH	-785	-8033	-0.02%	-0.000%
62	4.707	4.686	4.716	PH	-183	-8042	-0.02%	-0.000%
63	4.730	4.716	4.742	PH	186	-879	-0.00%	-0.000%
64	4.769	4.742	4.788	PH	688	7453	0.02%	0.000%
65	4.804	4.788	4.862	HH	663	-6022	-0.02%	-0.000%
66	4.879	4.862	4.893	PH	-451	-11724	-0.04%	-0.001%
67	4.911	4.893	4.927	PH	-776	-18643	-0.06%	-0.001%
68	4.956	4.927	4.977	PH	-401	-18197	-0.06%	-0.001%
69	4.993	4.977	5.016	PH	61	-8854	-0.03%	-0.000%
70	5.040	5.016	5.054	PH	-180	-8913	-0.03%	-0.000%
71	5.069	5.054	5.084	PH	909	2795	0.01%	0.000%
72	5.089	5.084	5.106	PH	-100	-3878	-0.01%	-0.000%
73	5.116	5.106	5.141	PH	-567	-16297	-0.05%	-0.001%
74	5.162	5.141	5.170	PH	-761	-15567	-0.05%	-0.001%
75	5.186	5.170	5.199	PH	-595	-13652	-0.04%	-0.001%
76	5.218	5.199	5.236	PH	-111	-8500	-0.03%	-0.000%
77	5.275	5.236	5.298	PH	325	-12264	-0.04%	-0.001%
78	5.303	5.298	5.319	PH	-820	-11711	-0.04%	-0.001%
79	5.339	5.319	5.369	PH	-404	-24123	-0.07%	-0.001%
80	5.388	5.369	5.436	PH	3846	28012	0.09%	0.001%
81	5.446	5.436	5.489	PH	-130	-19173	-0.06%	-0.001%
82	5.506	5.489	5.524	PH	-586	-15744	-0.05%	-0.001%
83	5.528	5.524	5.544	PH	-732	-9415	-0.03%	-0.000%
84	5.569	5.544	5.594	PH	607	-6008	-0.02%	-0.000%
85	5.602	5.594	5.614	PH	-589	-7924	-0.02%	-0.000%
86	5.634	5.614	5.640	PH	-490	-9400	-0.03%	-0.000%
87	5.644	5.640	5.651	PH	-582	-4040	-0.01%	-0.000%
88	5.671	5.651	5.684	PH	1001	5923	0.02%	0.000%
89	5.689	5.684	5.710	HH	546	1664	0.01%	0.000%

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90	5.723	5.710	5.744	PH	293	-1078	-0.00%	-0.000%
91	5.759	5.744	5.783	PH	42	-7546	-0.02%	-0.000%
92	5.810	5.783	5.829	PH	1266	14573	0.04%	0.001%
93	5.841	5.829	5.867	HH	1179	14650	0.04%	0.001%
94	5.896	5.867	5.915	PH	699	7708	0.02%	0.000%
95	5.942	5.915	6.014	PH	7869	135583	0.41%	0.007%
96	6.029	6.014	6.052	HH	1070	11129	0.03%	0.001%
97	6.087	6.052	6.105	PH	3009	40229	0.12%	0.002%
98	6.110	6.105	6.139	HH	719	8192	0.03%	0.000%
99	6.172	6.139	6.211	PH	1436	31950	0.10%	0.002%
100	6.247	6.211	6.262	HH	711	17125	0.05%	0.001%
101	6.270	6.262	6.281	HH	591	5467	0.02%	0.000%
102	6.294	6.281	6.311	HH	904	12554	0.04%	0.001%
103	6.325	6.311	6.348	HH	792	13007	0.04%	0.001%
104	6.369	6.348	6.429	HH	4418	60875	0.19%	0.003%
105	6.455	6.429	6.469	HH	789	11594	0.04%	0.001%
106	6.482	6.469	6.497	HH	589	7979	0.02%	0.000%
107	6.517	6.497	6.537	HH	3017	36687	0.11%	0.002%
108	6.556	6.537	6.587	HH	1457	24009	0.07%	0.001%
109	6.591	6.587	6.601	HH	351	1834	0.01%	0.000%
110	6.646	6.601	6.667	HH	1085	23536	0.07%	0.001%
111	6.690	6.667	6.714	HH	1085	19370	0.06%	0.001%
112	6.723	6.714	6.736	HH	728	8014	0.02%	0.000%
113	6.768	6.736	6.791	HH	1653	32575	0.10%	0.002%
114	6.828	6.791	6.842	HH	1080	25898	0.08%	0.001%
115	6.864	6.842	6.877	HH	2108	32100	0.10%	0.002%
116	6.888	6.877	6.909	HH	2328	35989	0.11%	0.002%
117	6.927	6.909	6.951	HH	2748	46748	0.14%	0.002%
118	6.976	6.951	6.982	HH	2490	34037	0.10%	0.002%
119	6.999	6.982	7.048	HH	4382	118966	0.36%	0.006%
120	7.069	7.048	7.109	HH	5175	107493	0.33%	0.006%
121	7.129	7.109	7.154	HH	4309	75649	0.23%	0.004%
122	7.169	7.154	7.186	HH	3191	49817	0.15%	0.003%
123	7.193	7.186	7.224	HH	2336	42626	0.13%	0.002%
124	7.254	7.224	7.259	HH	2080	38808	0.12%	0.002%
125	7.291	7.259	7.321	HH	7222	134885	0.41%	0.007%
126	7.339	7.321	7.351	HH	2553	41497	0.13%	0.002%
127	7.360	7.351	7.369	HH	2419	25685	0.08%	0.001%
128	7.379	7.369	7.400	HH	2647	42179	0.13%	0.002%
129	7.422	7.400	7.437	HH	2604	51324	0.16%	0.003%
130	7.465	7.437	7.497	HH	4195	103268	0.32%	0.005%
131	7.517	7.497	7.533	HH	2446	47226	0.14%	0.002%
132	7.547	7.533	7.552	HH	2327	24768	0.08%	0.001%
133	7.577	7.552	7.596	HH	3879	76488	0.23%	0.004%
134	7.624	7.596	7.646	HH	3074	79794	0.24%	0.004%
135	7.662	7.646	7.681	HH	2614	51883	0.16%	0.003%
136	7.721	7.681	7.748	HH	4539	141020	0.43%	0.007%
137	7.763	7.748	7.792	HH	5225	102812	0.31%	0.005%
138	7.813	7.792	7.834	HH	3603	84095	0.26%	0.004%
139	7.857	7.834	7.872	HH	4766	94180	0.29%	0.005%
140	7.894	7.872	7.954	HH	8016	250430	0.77%	0.013%
141	7.982	7.954	8.019	HH	9019	238003	0.73%	0.012%

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142	8.035	8.019	8.051	HH	5472	97603	0.30%	0.005%
143	8.065	8.051	8.074	HH	5883	77438	0.24%	0.004%
144	8.089	8.074	8.104	HH	8475	128709	0.39%	0.007%
145	8.124	8.104	8.140	HH	9896	178227	0.55%	0.009%
146	8.160	8.140	8.191	HH	13061	267807	0.82%	0.014%
147	8.222	8.191	8.250	HH	39328	600287	1.84%	0.031%
148	8.272	8.250	8.303	HH	23613	461801	1.41%	0.024%
149	8.317	8.303	8.364	HH	11878	316869	0.97%	0.017%
150	8.379	8.364	8.393	HH	7261	119926	0.37%	0.006%
151	8.407	8.393	8.474	HH	6866	292817	0.90%	0.015%
152	8.491	8.474	8.499	HH	5610	80235	0.25%	0.004%
153	8.566	8.499	8.596	HH	14432	496613	1.52%	0.026%
154	8.615	8.596	8.640	HH	11752	256412	0.78%	0.013%
155	8.648	8.640	8.663	HH	9205	119960	0.37%	0.006%
156	8.695	8.663	8.721	HH	13712	353569	1.08%	0.018%
157	8.773	8.721	8.790	HH	9020	325999	1.00%	0.017%
158	8.808	8.790	8.827	HH	10931	209323	0.64%	0.011%
159	8.846	8.827	8.862	HH	11500	207846	0.64%	0.011%
160	8.880	8.862	8.886	HH	10137	131592	0.40%	0.007%
161	8.903	8.886	8.954	HH	12235	400358	1.22%	0.021%
162	8.981	8.954	9.003	HH	17374	355799	1.09%	0.019%
163	9.018	9.003	9.051	HH	11710	276364	0.85%	0.014%
164	9.068	9.051	9.095	HH	9320	226473	0.69%	0.012%
165	9.132	9.095	9.151	HH	11533	308575	0.94%	0.016%
166	9.167	9.151	9.178	HH	10152	152775	0.47%	0.008%
167	9.181	9.178	9.199	HH	10045	120901	0.37%	0.006%
168	9.216	9.199	9.236	HH	11227	219076	0.67%	0.011%
169	9.270	9.236	9.296	HH	12095	371818	1.14%	0.019%
170	9.315	9.296	9.332	HH	13344	253847	0.78%	0.013%
171	9.356	9.332	9.405	HH	17593	585564	1.79%	0.031%
172	9.431	9.405	9.464	HH	16694	460008	1.41%	0.024%
173	9.500	9.464	9.524	HH	13611	436480	1.33%	0.023%
174	9.535	9.524	9.547	HH	12718	169675	0.52%	0.009%
175	9.554	9.547	9.572	HH	11693	174477	0.53%	0.009%
176	9.591	9.572	9.655	HH	12213	546695	1.67%	0.028%
177	9.678	9.655	9.691	HH	14871	279762	0.86%	0.015%
178	9.703	9.691	9.741	HH	14075	385904	1.18%	0.020%
179	9.761	9.741	9.801	HH	22490	560048	1.71%	0.029%
180	9.815	9.801	9.852	HH	13029	378963	1.16%	0.020%
181	9.865	9.852	9.902	HH	12836	355441	1.09%	0.019%
182	9.932	9.902	9.962	HH	13003	423158	1.29%	0.022%
183	9.969	9.962	9.981	HH	11201	121694	0.37%	0.006%
184	9.994	9.981	10.014	HH	11276	215634	0.66%	0.011%
185	10.033	10.014	10.053	HH	11567	261173	0.80%	0.014%
186	10.096	10.053	10.101	HH	14320	362244	1.11%	0.019%
187	10.104	10.101	10.124	HH	13993	183831	0.56%	0.010%
188	10.149	10.124	10.171	HH	21518	468563	1.43%	0.024%
189	10.203	10.171	10.221	HH	17529	456754	1.40%	0.024%
190	10.233	10.221	10.257	HH	17913	355761	1.09%	0.019%
191	10.287	10.257	10.319	HH	18029	595300	1.82%	0.031%
192	10.349	10.319	10.382	HH	18970	597474	1.83%	0.031%
193	10.409	10.382	10.449	HH	20496	734800	2.25%	0.038%
194	10.454	10.449	10.463	HH	17523	147220	0.45%	0.008%

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195	10.500	10.463	10.535	HH	25423	862289	2.64%	0.045%
196	10.570	10.535	10.613	HH	33145	1067786	3.27%	0.056%
197	10.629	10.613	10.646	HH	19354	364270	1.11%	0.019%
198	10.659	10.646	10.678	HH	17605	320794	0.98%	0.017%
199	10.696	10.678	10.702	HH	16690	239674	0.73%	0.012%
200	10.724	10.702	10.730	HH	18372	289699	0.89%	0.015%
201	10.754	10.730	10.805	HH	89199	1692389	5.18%	0.088%
202	10.834	10.805	10.867	HH	42476	1006878	3.08%	0.052%
203	10.889	10.867	10.917	HH	21103	594469	1.82%	0.031%
204	10.922	10.917	10.939	HH	18318	232479	0.71%	0.012%
205	10.944	10.939	10.947	HH	17446	87598	0.27%	0.005%
206	10.955	10.947	10.967	HH	17560	207219	0.63%	0.011%
207	10.982	10.967	10.991	HH	17448	237616	0.73%	0.012%
208	11.007	10.991	11.014	HH	17889	239731	0.73%	0.012%
209	11.025	11.014	11.042	HH	18344	308669	0.94%	0.016%
210	11.064	11.042	11.089	HH	23430	571314	1.75%	0.030%
211	11.103	11.089	11.113	HH	18749	261708	0.80%	0.014%
212	11.161	11.113	11.167	HH	20483	631513	1.93%	0.033%
213	11.176	11.167	11.183	HH	20283	200867	0.61%	0.010%
214	11.203	11.183	11.219	HH	27041	501709	1.53%	0.026%
215	11.226	11.219	11.234	HH	20569	182198	0.56%	0.009%
216	11.250	11.234	11.266	HH	20790	384237	1.18%	0.020%
217	11.290	11.266	11.327	HH	33207	913758	2.79%	0.048%
218	11.356	11.327	11.376	HH	21828	587868	1.80%	0.031%
219	11.396	11.376	11.427	HH	22747	653192	2.00%	0.034%
220	11.467	11.427	11.487	HH	22368	767326	2.35%	0.040%
221	11.492	11.487	11.530	HH	22163	551341	1.69%	0.029%
222	11.560	11.530	11.576	HH	34078	713939	2.18%	0.037%
223	11.592	11.576	11.611	HH	37815	658221	2.01%	0.034%
224	11.623	11.611	11.644	HH	28312	517116	1.58%	0.027%
225	11.673	11.644	11.693	HH	43750	968330	2.96%	0.050%
226	11.707	11.693	11.724	HH	34809	576470	1.76%	0.030%
227	11.739	11.724	11.791	HH	36153	1088228	3.33%	0.057%
228	11.816	11.791	11.832	HH	24159	569541	1.74%	0.030%
229	11.875	11.832	11.912	HH	31928	1313973	4.02%	0.068%
230	11.941	11.912	11.952	HH	29470	639669	1.96%	0.033%
231	11.965	11.952	12.012	HH	30216	973053	2.98%	0.051%
232	12.034	12.012	12.057	HH	34032	784764	2.40%	0.041%
233	12.064	12.057	12.077	HH	26816	313858	0.96%	0.016%
234	12.097	12.077	12.105	HH	28321	457542	1.40%	0.024%
235	12.131	12.105	12.164	HH	86599	1677926	5.13%	0.087%
236	12.178	12.164	12.221	HH	29803	975879	2.98%	0.051%
237	12.240	12.221	12.250	HH	29134	488325	1.49%	0.025%
238	12.286	12.250	12.296	HH	30883	807820	2.47%	0.042%
239	12.300	12.296	12.328	HH	30492	558403	1.71%	0.029%
240	12.353	12.328	12.366	HH	34028	711009	2.17%	0.037%
241	12.372	12.366	12.394	HH	32713	510351	1.56%	0.027%
242	12.427	12.394	12.443	HH	37675	965744	2.95%	0.050%
243	12.461	12.443	12.483	HH	45988	954097	2.92%	0.050%
244	12.519	12.483	12.552	HH	44554	1565464	4.79%	0.082%
245	12.579	12.552	12.645	HH	262383	4529631	13.85%	0.236%
246	12.654	12.645	12.664	HH	33922	382530	1.17%	0.020%

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247	12.676	12.664	12.693	HH	34921	570964	1.75%	0.030%
248	12.719	12.693	12.750	HH	42707	1286992	3.94%	0.067%
249	12.767	12.750	12.785	HH	42306	827575	2.53%	0.043%
250	12.806	12.785	12.811	HH	39147	586878	1.79%	0.031%
251	12.827	12.811	12.849	HH	39257	860707	2.63%	0.045%
252	12.878	12.849	12.921	HH	242867	4129378	12.63%	0.215%
253	12.935	12.921	12.952	HH	53885	887660	2.71%	0.046%
254	12.970	12.952	12.999	HH	54913	1291149	3.95%	0.067%
255	13.009	12.999	13.025	HH	39949	618499	1.89%	0.032%
256	13.059	13.025	13.077	HH	44563	1274872	3.90%	0.066%
257	13.095	13.077	13.111	HH	44342	863354	2.64%	0.045%
258	13.133	13.111	13.138	HH	49485	729120	2.23%	0.038%
259	13.154	13.138	13.184	HH	55787	1417529	4.34%	0.074%
260	13.206	13.184	13.254	HH	51446	1917106	5.86%	0.100%
261	13.280	13.254	13.319	HH	48349	1769258	5.41%	0.092%
262	13.343	13.319	13.355	HH	58853	1143354	3.50%	0.060%
263	13.364	13.355	13.386	HH	56698	970864	2.97%	0.051%
264	13.389	13.386	13.419	HH	46921	905670	2.77%	0.047%
265	13.472	13.419	13.502	HH	76902	2856970	8.74%	0.149%
266	13.514	13.502	13.525	HH	51574	699984	2.14%	0.036%
267	13.537	13.525	13.556	HH	52732	918238	2.81%	0.048%
268	13.580	13.556	13.599	HH	70402	1546821	4.73%	0.081%
269	13.620	13.599	13.647	HH	67146	1739192	5.32%	0.091%
270	13.666	13.647	13.688	HH	60482	1402595	4.29%	0.073%
271	13.719	13.688	13.733	HH	76720	1757779	5.38%	0.092%
272	13.748	13.733	13.772	HH	73944	1541166	4.71%	0.080%
273	13.791	13.772	13.819	HH	67706	1693517	5.18%	0.088%
274	13.833	13.819	13.837	HH	56992	632382	1.93%	0.033%
275	13.841	13.837	13.846	HH	56929	286499	0.88%	0.015%
276	13.855	13.846	13.860	HH	58171	492090	1.50%	0.026%
277	13.874	13.860	13.893	HH	60261	1153095	3.53%	0.060%
278	13.927	13.893	13.933	HH	61984	1429572	4.37%	0.075%
279	13.944	13.933	13.967	HH	62300	1243555	3.80%	0.065%
280	13.973	13.967	13.976	HH	59246	307328	0.94%	0.016%
281	13.985	13.976	14.004	HH	60745	1006424	3.08%	0.052%
282	14.022	14.004	14.045	HH	61564	1465355	4.48%	0.076%
283	14.076	14.045	14.083	HH	64028	1437820	4.40%	0.075%
284	14.088	14.083	14.091	HH	63622	295752	0.90%	0.015%
285	14.117	14.091	14.144	HH	69727	2126103	6.50%	0.111%
286	14.182	14.144	14.201	HH	72967	2403548	7.35%	0.125%
287	14.223	14.201	14.262	HH	86992	2787538	8.53%	0.145%
288	14.285	14.262	14.308	HH	89394	2214549	6.77%	0.115%
289	14.317	14.308	14.323	HH	79522	687504	2.10%	0.036%
290	14.345	14.323	14.364	HH	93436	2105742	6.44%	0.110%
291	14.393	14.364	14.431	HH	94519	3357050	10.27%	0.175%
292	14.453	14.431	14.475	HH	109014	2447093	7.48%	0.128%
293	14.505	14.475	14.515	HH	90329	2090795	6.39%	0.109%
294	14.534	14.515	14.558	HH	96209	2274279	6.96%	0.119%
295	14.574	14.558	14.590	HH	88825	1666181	5.10%	0.087%
296	14.624	14.590	14.659	HH	279104	6186167	18.92%	0.322%
297	14.663	14.659	14.673	HH	87967	753113	2.30%	0.039%
298	14.678	14.673	14.687	HH	88399	729029	2.23%	0.038%
299	14.694	14.687	14.701	HH	87254	694953	2.13%	0.036%

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300	14.731	14.701	14.739	HH	102436	2178313	6.66%	0.114%
301	14.769	14.739	14.789	HH	195252	4191483	12.82%	0.218%
302	14.809	14.789	14.848	HH	212664	5300804	16.21%	0.276%
303	14.858	14.848	14.863	HH	103043	890177	2.72%	0.046%
304	14.869	14.863	14.885	HH	103811	1362174	4.17%	0.071%
305	14.907	14.885	14.912	HH	106846	1657722	5.07%	0.086%
306	14.932	14.912	15.002	HH	122157	6031073	18.45%	0.314%
307	15.009	15.002	15.015	HH	108832	846913	2.59%	0.044%
308	15.022	15.015	15.044	HH	110101	1859478	5.69%	0.097%
309	15.088	15.044	15.109	HH	120535	4370799	13.37%	0.228%
310	15.120	15.109	15.134	HH	118248	1752829	5.36%	0.091%
311	15.140	15.134	15.147	HH	116770	876680	2.68%	0.046%
312	15.153	15.147	15.174	HH	116424	1864364	5.70%	0.097%
313	15.209	15.174	15.236	HH	195874	5485985	16.78%	0.286%
314	15.253	15.236	15.302	HH	141157	5043745	15.43%	0.263%
315	15.345	15.302	15.387	HH	170922	7171587	21.93%	0.374%
316	15.403	15.387	15.407	HH	133542	1516713	4.64%	0.079%
317	15.448	15.407	15.468	HH	164151	5364872	16.41%	0.280%
318	15.482	15.468	15.514	HH	150563	3943291	12.06%	0.206%
319	15.538	15.514	15.544	HH	140621	2425919	7.42%	0.126%
320	15.558	15.544	15.564	HH	143609	1729610	5.29%	0.090%
321	15.609	15.564	15.637	HH	166393	6736673	20.60%	0.351%
322	15.643	15.637	15.648	HH	150339	955809	2.92%	0.050%
323	15.660	15.648	15.663	HH	151306	1370715	4.19%	0.071%
324	15.685	15.663	15.704	HH	157415	3741179	11.44%	0.195%
325	15.737	15.704	15.752	HH	157985	4420971	13.52%	0.230%
326	15.778	15.752	15.785	HH	161882	3172842	9.70%	0.165%
327	15.792	15.785	15.799	HH	160292	1346143	4.12%	0.070%
328	15.804	15.799	15.816	HH	161509	1609173	4.92%	0.084%
329	15.822	15.816	15.828	HH	163021	1221259	3.74%	0.064%
330	15.856	15.828	15.904	HH	197783	8174331	25.00%	0.426%
331	15.915	15.904	15.934	HH	173552	3087229	9.44%	0.161%
332	15.943	15.934	15.948	HH	171944	1401664	4.29%	0.073%
333	15.968	15.948	15.975	HH	175827	2790071	8.53%	0.145%
334	15.980	15.975	15.999	HH	177054	2579810	7.89%	0.134%
335	16.004	15.999	16.011	HH	174157	1194719	3.65%	0.062%
336	16.057	16.011	16.079	HH	199653	7756933	23.72%	0.404%
337	16.096	16.079	16.107	HH	194328	3126387	9.56%	0.163%
338	16.134	16.107	16.142	HH	209619	4276548	13.08%	0.223%
339	16.149	16.142	16.154	HH	209505	1470820	4.50%	0.077%
340	16.161	16.154	16.180	HH	210401	3210422	9.82%	0.167%
341	16.203	16.180	16.210	HH	207128	3561777	10.89%	0.186%
342	16.228	16.210	16.238	HH	226812	3771966	11.54%	0.197%
343	16.249	16.238	16.279	HH	226410	5336530	16.32%	0.278%
344	16.303	16.279	16.313	HH	217494	4278554	13.09%	0.223%
345	16.347	16.313	16.367	HH	387591	9599124	29.36%	0.500%
346	16.372	16.367	16.408	HH	273853	6218900	19.02%	0.324%
347	16.439	16.408	16.446	HH	242579	5302558	16.22%	0.276%
348	16.478	16.446	16.509	HH	290798	9915830	30.33%	0.517%
349	16.512	16.509	16.517	HH	253920	1249675	3.82%	0.065%
350	16.525	16.517	16.534	HH	256144	2598522	7.95%	0.135%
351	16.543	16.534	16.547	HH	259623	1919547	5.87%	0.100%

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352	16.554	16.547	16.559	HH	261850	1908667	5.84%	0.099%
353	16.564	16.559	16.582	HH	259598	3577775	10.94%	0.187%
354	16.609	16.582	16.616	HH	269267	5237954	16.02%	0.273%
355	16.637	16.616	16.645	HH	280261	4833828	14.78%	0.252%
356	16.672	16.645	16.704	HH	353915	10789333	33.00%	0.562%
357	16.732	16.704	16.763	HH	368496	10987466	33.60%	0.573%
358	16.781	16.763	16.788	HH	295921	4251008	13.00%	0.222%
359	16.835	16.788	16.856	HH	356660	13193152	40.35%	0.688%
360	16.861	16.856	16.886	HH	316330	5596178	17.12%	0.292%
361	16.893	16.886	16.902	HH	313039	2966110	9.07%	0.155%
362	16.907	16.902	16.919	HH	311416	3189589	9.75%	0.166%
363	16.924	16.919	16.928	HH	302671	1608497	4.92%	0.084%
364	16.955	16.928	16.963	HH	310518	6500381	19.88%	0.339%
365	16.985	16.963	16.991	HH	331934	5222267	15.97%	0.272%
366	16.996	16.991	17.010	HH	328060	3780529	11.56%	0.197%
367	17.018	17.010	17.026	HH	324572	2984008	9.13%	0.156%
368	17.049	17.026	17.070	HH	344685	8879522	27.16%	0.463%
369	17.074	17.070	17.081	HH	330854	2259882	6.91%	0.118%
370	17.132	17.081	17.141	HH	361470	12254422	37.48%	0.639%
371	17.146	17.141	17.162	HH	353892	4559502	13.94%	0.238%
372	17.178	17.162	17.184	HH	362599	4503103	13.77%	0.235%
373	17.189	17.184	17.196	HH	364609	2604931	7.97%	0.136%
374	17.205	17.196	17.214	HH	370986	4052941	12.40%	0.211%
375	17.234	17.214	17.250	HH	378890	8001729	24.47%	0.417%
376	17.268	17.250	17.292	HH	388490	9345392	28.58%	0.487%
377	17.303	17.292	17.320	HH	379768	6362265	19.46%	0.332%
378	17.339	17.320	17.357	HH	381453	8274384	25.31%	0.431%
379	17.378	17.357	17.425	HH	405216	15590108	47.68%	0.813%
380	17.449	17.425	17.461	HH	407947	8377524	25.62%	0.437%
381	17.467	17.461	17.473	HH	383871	2764417	8.45%	0.144%
382	17.476	17.473	17.480	HH	381105	1578957	4.83%	0.082%
383	17.482	17.480	17.509	HH	380469	6605331	20.20%	0.344%
384	17.518	17.509	17.524	HH	379749	3381962	10.34%	0.176%
385	17.536	17.524	17.540	HH	387929	3687374	11.28%	0.192%
386	17.558	17.540	17.576	HH	396636	8323971	25.46%	0.434%
387	17.607	17.576	17.616	HH	413292	9567849	29.26%	0.499%
388	17.620	17.616	17.626	HH	415174	2466542	7.54%	0.129%
389	17.632	17.626	17.639	HH	414314	3338969	10.21%	0.174%
390	17.655	17.639	17.668	HH	418387	7189182	21.99%	0.375%
391	17.711	17.668	17.733	HH	482456	17356566	53.08%	0.905%
392	17.752	17.733	17.779	HH	446261	11568210	35.38%	0.603%
393	17.803	17.779	17.814	HH	421212	8772269	26.83%	0.457%
394	17.854	17.814	17.879	HH	513366	18102901	55.36%	0.944%
395	17.887	17.879	17.946	HH	466141	18133821	55.46%	0.945%
396	17.955	17.946	17.979	HH	444932	8706988	26.63%	0.454%
397	18.002	17.979	18.014	HH	449285	9144074	27.97%	0.477%
398	18.036	18.014	18.046	HH	486569	8953277	27.38%	0.467%
399	18.067	18.046	18.111	HH	512021	18870245	57.71%	0.984%
400	18.133	18.111	18.167	HH	534892	16645291	50.91%	0.868%
401	18.191	18.167	18.198	HH	489921	8986882	27.49%	0.468%
402	18.203	18.198	18.208	HH	488258	2884225	8.82%	0.150%
403	18.227	18.208	18.252	HH	548578	13896306	42.50%	0.724%
404	18.265	18.252	18.288	HH	505502	10653620	32.58%	0.555%

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405	18.302	18.288	18.320	HH	497707	9202008	28.14%	0.480%
406	18.323	18.320	18.360	HH	486162	11600933	35.48%	0.605%
407	18.393	18.360	18.419	HH	537232	18032640	55.15%	0.940%
408	18.435	18.419	18.441	HH	492994	6491131	19.85%	0.338%
409	18.445	18.441	18.453	HH	488886	3547462	10.85%	0.185%
410	18.473	18.453	18.481	HH	490909	8138844	24.89%	0.424%
411	18.498	18.481	18.506	HH	499755	7300209	22.33%	0.381%
412	18.548	18.506	18.592	HH	559852	26746440	81.80%	1.394%
413	18.608	18.592	18.622	HH	509677	8902269	27.23%	0.464%
414	18.651	18.622	18.677	HH	555515	17655454	54.00%	0.920%
415	18.683	18.677	18.686	HH	518552	2558981	7.83%	0.133%
416	18.702	18.686	18.720	HH	557870	11065954	33.84%	0.577%
417	18.725	18.720	18.738	HH	536924	5648461	17.27%	0.294%
418	18.742	18.738	18.746	HH	520324	2655366	8.12%	0.138%
419	18.749	18.746	18.757	HH	519329	3362900	10.28%	0.175%
420	18.770	18.757	18.779	HH	524178	6757816	20.67%	0.352%
421	18.780	18.779	18.789	HH	517838	3136130	9.59%	0.163%
422	18.837	18.789	18.860	HH	550303	22504860	68.83%	1.173%
423	18.868	18.860	18.886	HH	531598	8043038	24.60%	0.419%
424	18.912	18.886	18.931	HH	604434	15436385	47.21%	0.805%
425	18.936	18.931	18.949	HH	558414	5730802	17.53%	0.299%
426	18.961	18.949	18.969	HH	560826	6849477	20.95%	0.357%
427	18.988	18.969	19.009	HH	580399	13454888	41.15%	0.701%
428	19.012	19.009	19.021	HH	552489	3901144	11.93%	0.203%
429	19.058	19.021	19.079	HH	573641	19076439	58.34%	0.994%
430	19.085	19.079	19.089	HH	558791	3573475	10.93%	0.186%
431	19.096	19.089	19.111	HH	563397	7258294	22.20%	0.378%
432	19.116	19.111	19.134	HH	554083	7538513	23.06%	0.393%
433	19.139	19.134	19.144	HH	548300	3274588	10.01%	0.171%
434	19.155	19.144	19.161	HH	556544	5422458	16.58%	0.283%
435	19.166	19.161	19.179	HH	560137	6183118	18.91%	0.322%
436	19.196	19.179	19.207	HH	562157	9468059	28.96%	0.494%
437	19.213	19.207	19.220	HH	552886	4134666	12.65%	0.216%
438	19.230	19.220	19.236	HH	557081	5189189	15.87%	0.271%
439	19.250	19.236	19.259	HH	565641	8053176	24.63%	0.420%
440	19.264	19.259	19.291	HH	560924	10506792	32.13%	0.548%
441	19.310	19.291	19.314	HH	564137	7747702	23.70%	0.404%
442	19.321	19.314	19.328	HH	575552	4634735	14.17%	0.242%
443	19.356	19.328	19.362	HH	597458	11849808	36.24%	0.618%
444	19.380	19.362	19.402	HH	595583	13903583	42.52%	0.725%
445	19.409	19.402	19.422	HH	578720	6796008	20.78%	0.354%
446	19.429	19.422	19.434	HH	582587	4104878	12.55%	0.214%
447	19.454	19.434	19.495	HH	594088	21484060	65.71%	1.120%
448	19.500	19.495	19.520	HH	580987	8506196	26.01%	0.443%
449	19.531	19.520	19.549	HH	594248	10047695	30.73%	0.524%
450	19.568	19.549	19.598	HH	608828	17498145	53.52%	0.912%
451	19.602	19.598	19.611	HH	596524	4645658	14.21%	0.242%
452	19.629	19.611	19.634	HH	614797	8275438	25.31%	0.431%
453	19.641	19.634	19.666	HH	614705	11733565	35.89%	0.612%
454	19.669	19.666	19.680	HH	606501	5156304	15.77%	0.269%
455	19.703	19.680	19.739	HH	647008	22012120	67.32%	1.147%
456	19.747	19.739	19.754	HH	614121	5431147	16.61%	0.283%

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457	19.775	19.754	19.796	HH	626936	15610848	47.74%	0.814%
458	19.803	19.796	19.810	HH	608161	5048759	15.44%	0.263%
459	19.818	19.810	19.823	HH	602535	4585906	14.03%	0.239%
460	19.831	19.823	19.836	HH	603960	4608282	14.09%	0.240%
461	19.842	19.836	19.848	HH	613846	4410250	13.49%	0.230%
462	19.890	19.848	19.911	HH	631450	23235425	71.06%	1.211%
463	19.976	19.911	19.997	HH	657051	32697392	100.00%	1.704%
464	20.004	19.997	20.011	HH	647731	5154781	15.77%	0.269%
465	20.014	20.011	20.039	HH	653766	10865662	33.23%	0.566%
466	20.044	20.039	20.060	HH	641443	7813380	23.90%	0.407%
467	20.071	20.060	20.081	HH	644611	8139731	24.89%	0.424%
468	20.086	20.081	20.091	HH	645933	3737436	11.43%	0.195%
469	20.097	20.091	20.102	HH	650118	4449041	13.61%	0.232%
470	20.106	20.102	20.142	HH	647662	15328092	46.88%	0.799%
471	20.160	20.142	20.175	HH	660649	12495306	38.21%	0.651%
472	20.179	20.175	20.198	HH	653686	9170126	28.05%	0.478%
473	20.203	20.198	20.208	HH	641879	3686893	11.28%	0.192%
474	20.214	20.208	20.227	HH	643615	7380674	22.57%	0.385%
475	20.237	20.227	20.247	HH	652654	7612510	23.28%	0.397%
476	20.266	20.247	20.291	HH	674420	17320218	52.97%	0.903%
477	20.306	20.291	20.319	HH	674897	11373100	34.78%	0.593%
478	20.325	20.319	20.341	HH	660558	8344171	25.52%	0.435%
479	20.358	20.341	20.365	HH	668521	9367346	28.65%	0.488%
480	20.370	20.365	20.384	HH	652677	7501773	22.94%	0.391%
481	20.387	20.384	20.413	HH	649961	11205668	34.27%	0.584%
482	20.422	20.413	20.431	HH	643407	6672008	20.41%	0.348%
483	20.447	20.431	20.462	HH	648674	11871061	36.31%	0.619%
484	20.467	20.462	20.473	HH	650960	4431335	13.55%	0.231%
485	20.478	20.473	20.492	HH	634313	7042862	21.54%	0.367%
486	20.505	20.492	20.535	HH	641167	16103150	49.25%	0.839%
487	20.540	20.535	20.542	HH	619593	2917137	8.92%	0.152%
488	20.548	20.542	20.552	HH	624077	3707590	11.34%	0.193%
489	20.571	20.552	20.584	HH	644344	12000964	36.70%	0.626%
490	20.600	20.584	20.613	HH	638230	10758317	32.90%	0.561%
491	20.621	20.613	20.642	HH	624271	10716162	32.77%	0.559%
492	20.657	20.642	20.668	HH	622025	9627130	29.44%	0.502%
493	20.675	20.668	20.697	HH	615905	10612493	32.46%	0.553%
494	20.705	20.697	20.711	HH	614186	4780892	14.62%	0.249%
495	20.716	20.711	20.736	HH	605912	8915555	27.27%	0.465%
496	20.744	20.736	20.767	HH	596131	11347907	34.71%	0.592%
497	20.777	20.767	20.787	HH	595936	6762533	20.68%	0.353%
498	20.795	20.787	20.807	HH	594921	7160148	21.90%	0.373%
499	20.814	20.807	20.836	HH	593117	10178656	31.13%	0.531%
500	20.845	20.836	20.865	HH	601385	10177691	31.13%	0.531%
501	20.878	20.865	20.902	HH	587647	13090889	40.04%	0.682%
502	20.909	20.902	20.915	HH	575592	4430419	13.55%	0.231%
503	20.921	20.915	20.933	HH	579635	5909848	18.07%	0.308%
504	20.937	20.933	20.944	HH	573926	3908217	11.95%	0.204%
505	20.956	20.944	20.967	HH	571603	7680308	23.49%	0.400%
506	20.972	20.967	20.981	HH	571234	4771741	14.59%	0.249%
507	20.992	20.981	20.998	HH	569456	5701815	17.44%	0.297%
508	21.002	20.998	21.016	HH	569392	6153285	18.82%	0.321%
509	21.030	21.016	21.036	HH	559701	6584132	20.14%	0.343%

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510	21.041	21.036	21.051	HH	558398	5179960	15.84%	0.270%
511	21.074	21.051	21.085	HH	558004	11152774	34.11%	0.581%
512	21.092	21.085	21.098	HH	546824	4173893	12.77%	0.218%
513	21.121	21.098	21.129	HH	550773	10137018	31.00%	0.528%
514	21.137	21.129	21.147	HH	543960	5868550	17.95%	0.306%
515	21.159	21.147	21.168	HH	542635	6739763	20.61%	0.351%
516	21.173	21.168	21.187	HH	538167	6201198	18.97%	0.323%
517	21.215	21.187	21.222	HH	541649	11217491	34.31%	0.585%
518	21.227	21.222	21.233	HH	537923	3513139	10.74%	0.183%
519	21.240	21.233	21.245	HH	536640	3631564	11.11%	0.189%
520	21.261	21.245	21.266	HH	541150	6742651	20.62%	0.351%
521	21.278	21.266	21.289	HH	544280	7498775	22.93%	0.391%
522	21.299	21.289	21.309	HH	535314	6415148	19.62%	0.334%
523	21.316	21.309	21.319	HH	520021	2985655	9.13%	0.156%
524	21.323	21.319	21.326	HH	523420	2301440	7.04%	0.120%
525	21.331	21.326	21.346	HH	524701	6025928	18.43%	0.314%
526	21.372	21.346	21.395	HH	520033	15115283	46.23%	0.788%
527	21.403	21.395	21.409	HH	506958	4263497	13.04%	0.222%
528	21.418	21.409	21.451	HH	511785	12582020	38.48%	0.656%
529	21.461	21.451	21.473	HH	517615	6642720	20.32%	0.346%
530	21.491	21.473	21.496	HH	503982	6963458	21.30%	0.363%
531	21.501	21.496	21.520	HH	502382	7217157	22.07%	0.376%
532	21.526	21.520	21.534	HH	493281	4280123	13.09%	0.223%
533	21.548	21.534	21.565	HH	500540	8898047	27.21%	0.464%
534	21.569	21.565	21.579	HH	489692	4221651	12.91%	0.220%
535	21.586	21.579	21.608	HH	491772	8477766	25.93%	0.442%
536	21.623	21.608	21.644	HH	488010	10295363	31.49%	0.537%
537	21.648	21.644	21.661	HH	485563	4845405	14.82%	0.253%
538	21.673	21.661	21.694	HH	487483	9561682	29.24%	0.498%
539	21.710	21.694	21.726	HH	481556	9151564	27.99%	0.477%
540	21.738	21.726	21.744	HH	481707	5150124	15.75%	0.268%
541	21.756	21.744	21.761	HH	488999	4961350	15.17%	0.259%
542	21.765	21.761	21.787	HH	484842	7221622	22.09%	0.376%
543	21.796	21.787	21.821	HHA	472332	9697093	29.66%	0.505%
					Sum of corrected areas: 1918345977			

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