

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF053119\
 Data File : FF004671.D
 Signal(s) : FID2B.ch
 Acq On : 31 May 2019 16:51
 Sample : K3105-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052219.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.308	2.282	2.330	BH	900	6137	0.01%	0.000%
2	2.340	2.330	2.356	PH	77	-219	-0.00%	-0.000%
3	2.359	2.356	2.422	PH	-39	-11274	-0.02%	-0.000%
4	2.446	2.422	2.469	PH	-155	-7125	-0.01%	-0.000%
5	2.481	2.469	2.526	PH	876	2002	0.00%	0.000%
6	2.541	2.526	2.567	PH	1874	10344	0.02%	0.000%
7	2.578	2.567	2.589	PH	-132	-2911	-0.01%	-0.000%
8	2.599	2.589	2.620	PH	-206	-9168	-0.02%	-0.000%
9	2.638	2.620	2.656	PH	-447	-13251	-0.02%	-0.000%
10	2.679	2.656	2.747	PH	78	-29514	-0.05%	-0.001%
11	2.768	2.747	2.796	PH	2713	13911	0.03%	0.000%
12	2.804	2.796	2.832	PH	-35	-7844	-0.01%	-0.000%
13	2.868	2.832	2.907	PH	3438	24984	0.05%	0.001%
14	2.911	2.907	2.915	PH	-648	-3192	-0.01%	-0.000%
15	2.929	2.915	2.938	PH	-282	-6610	-0.01%	-0.000%
16	2.953	2.938	2.968	PH	678	304	0.00%	0.000%
17	2.973	2.968	2.991	PH	23	-3320	-0.01%	-0.000%
18	3.004	2.991	3.016	PH	359	454	0.00%	0.000%
19	3.040	3.016	3.075	PH	29965	316010	0.58%	0.011%
20	3.086	3.075	3.106	HH	2141	18287	0.03%	0.001%
21	3.120	3.106	3.186	PH	679	-17909	-0.03%	-0.001%
22	3.201	3.186	3.207	PH	-579	-9141	-0.02%	-0.000%
23	3.219	3.207	3.257	PH	1437	-3496	-0.01%	-0.000%
24	3.264	3.257	3.279	PH	-670	-10284	-0.02%	-0.000%
25	3.292	3.279	3.300	PH	-806	-11427	-0.02%	-0.000%
26	3.318	3.300	3.331	PH	174	-5513	-0.01%	-0.000%
27	3.338	3.331	3.377	PH	-288	-22139	-0.04%	-0.001%
28	3.390	3.377	3.402	PH	-976	-15966	-0.03%	-0.001%
29	3.408	3.402	3.416	PH	-1027	-8769	-0.02%	-0.000%
30	3.417	3.416	3.426	PH	-1085	-6863	-0.01%	-0.000%
31	3.437	3.426	3.451	PH	-1055	-16944	-0.03%	-0.001%
32	3.462	3.451	3.474	PH	-1025	-14635	-0.03%	-0.000%
33	3.481	3.474	3.519	PH	-942	-28560	-0.05%	-0.001%
34	3.542	3.519	3.569	PH	-871	-30914	-0.06%	-0.001%
35	3.581	3.569	3.593	PH	-816	-14676	-0.03%	-0.000%
36	3.629	3.593	3.637	PH	311	-16639	-0.03%	-0.001%

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37	3.647	3.637	3.655	PH	605	2975	0.01%	0.000%
38	3.661	3.655	3.690	PH	279	-9406	-0.02%	-0.000%
39	3.719	3.690	3.742	PH	727	-11472	-0.02%	-0.000%
40	3.747	3.742	3.770	PH	-684	-15620	-0.03%	-0.001%
41	3.789	3.770	3.803	PH	-434	-17710	-0.03%	-0.001%
42	3.809	3.803	3.814	PH	-1100	-7553	-0.01%	-0.000%
43	3.835	3.814	3.848	PH	103	-9844	-0.02%	-0.000%
44	3.857	3.848	3.875	PH	-214	-9883	-0.02%	-0.000%
45	3.885	3.875	3.898	PH	-860	-13607	-0.02%	-0.000%
46	3.920	3.898	3.975	PH	-689	-50871	-0.09%	-0.002%
47	3.994	3.975	4.009	PH	12721	81256	0.15%	0.003%
48	4.026	4.009	4.083	PH	3943	17734	0.03%	0.001%
49	4.105	4.083	4.127	PH	-394	-21417	-0.04%	-0.001%
50	4.157	4.127	4.179	PH	24442	347566	0.63%	0.012%
51	4.192	4.179	4.237	HH	13990	156163	0.28%	0.005%
52	4.249	4.237	4.276	PH	114	-5616	-0.01%	-0.000%
53	4.278	4.276	4.307	PH	-446	-12897	-0.02%	-0.000%
54	4.322	4.307	4.337	PH	-788	-16351	-0.03%	-0.001%
55	4.349	4.337	4.364	PH	-637	-13042	-0.02%	-0.000%
56	4.382	4.364	4.397	PH	-399	-15304	-0.03%	-0.001%
57	4.412	4.397	4.433	PH	-111	-14775	-0.03%	-0.000%
58	4.455	4.433	4.469	PH	-344	-17207	-0.03%	-0.001%
59	4.482	4.469	4.497	PH	-233	-9599	-0.02%	-0.000%
60	4.514	4.497	4.526	PH	-594	-12859	-0.02%	-0.000%
61	4.539	4.526	4.549	PH	371	-1539	-0.00%	-0.000%
62	4.561	4.549	4.581	PH	2288	12534	0.02%	0.000%
63	4.627	4.581	4.662	PH	19584	181263	0.33%	0.006%
64	4.669	4.662	4.691	PH	30	-4805	-0.01%	-0.000%
65	4.697	4.691	4.711	PH	-431	-7308	-0.01%	-0.000%
66	4.725	4.711	4.731	PH	-655	-9016	-0.02%	-0.000%
67	4.746	4.731	4.761	PH	1134	1805	0.00%	0.000%
68	4.776	4.761	4.806	PH	-182	-15519	-0.03%	-0.001%
69	4.824	4.806	4.841	PH	-400	-16389	-0.03%	-0.001%
70	4.868	4.841	4.885	PH	156	-6126	-0.01%	-0.000%
71	4.889	4.885	4.907	PH	-310	-7243	-0.01%	-0.000%
72	4.921	4.907	4.936	PH	-326	-10569	-0.02%	-0.000%
73	4.963	4.936	4.996	PH	1295	-2778	-0.01%	-0.000%
74	5.009	4.996	5.016	PH	-159	-4919	-0.01%	-0.000%
75	5.019	5.016	5.035	PH	-147	-4638	-0.01%	-0.000%
76	5.039	5.035	5.043	PH	-599	-3456	-0.01%	-0.000%
77	5.056	5.043	5.067	PH	-684	-11200	-0.02%	-0.000%
78	5.088	5.067	5.097	PH	938	1771	0.00%	0.000%
79	5.105	5.097	5.122	HH	883	1764	0.00%	0.000%
80	5.144	5.122	5.152	PH	1774	10723	0.02%	0.000%
81	5.159	5.152	5.174	HH	1698	11616	0.02%	0.000%
82	5.183	5.174	5.200	PH	147	-4610	-0.01%	-0.000%
83	5.220	5.200	5.231	PH	5493	44683	0.08%	0.001%
84	5.237	5.231	5.256	HH	3401	25623	0.05%	0.001%
85	5.274	5.256	5.317	PH	6903	53167	0.10%	0.002%
86	5.339	5.317	5.355	PH	-342	-13034	-0.02%	-0.000%
87	5.370	5.355	5.380	PH	483	-1016	-0.00%	-0.000%
88	5.400	5.380	5.438	PH	25543	242856	0.44%	0.008%
89	5.456	5.438	5.471	PH	1359	10577	0.02%	0.000%

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90	5.503	5.471	5.544	HH	6670	70746	0.13%	0.002%
91	5.560	5.544	5.614	PH	42	-27803	-0.05%	-0.001%
92	5.641	5.614	5.655	PH	-59	-15383	-0.03%	-0.001%
93	5.681	5.655	5.692	PH	450	-3244	-0.01%	-0.000%
94	5.714	5.692	5.732	PH	6932	73809	0.13%	0.002%
95	5.752	5.732	5.765	HH	6772	80191	0.15%	0.003%
96	5.777	5.765	5.832	HH	6815	81981	0.15%	0.003%
97	5.843	5.832	5.866	PH	107	-1848	-0.00%	-0.000%
98	5.884	5.866	5.898	PH	1280	7956	0.01%	0.000%
99	5.902	5.898	5.924	HH	235	-1904	-0.00%	-0.000%
100	5.939	5.924	5.948	PH	1220	8922	0.02%	0.000%
101	6.002	5.948	6.026	HH	39671	401897	0.73%	0.013%
102	6.050	6.026	6.080	PH	3915	44356	0.08%	0.001%
103	6.097	6.080	6.122	PH	1170	8888	0.02%	0.000%
104	6.155	6.122	6.171	PH	882	5825	0.01%	0.000%
105	6.181	6.171	6.201	PH	175	77	0.00%	0.000%
106	6.215	6.201	6.231	PH	422	2792	0.01%	0.000%
107	6.248	6.231	6.261	PH	574	5301	0.01%	0.000%
108	6.278	6.261	6.306	HH	1759	21100	0.04%	0.001%
109	6.325	6.306	6.335	PH	738	5274	0.01%	0.000%
110	6.361	6.335	6.372	HH	6018	61971	0.11%	0.002%
111	6.389	6.372	6.418	HH	19549	221905	0.40%	0.007%
112	6.441	6.418	6.458	HH	14255	158197	0.29%	0.005%
113	6.473	6.458	6.491	HH	9004	90879	0.17%	0.003%
114	6.505	6.491	6.527	HH	1734	26790	0.05%	0.001%
115	6.553	6.527	6.568	HH	1172	18792	0.03%	0.001%
116	6.585	6.568	6.601	HH	1359	14886	0.03%	0.000%
117	6.628	6.601	6.647	HH	3379	45115	0.08%	0.002%
118	6.657	6.647	6.674	HH	1347	14473	0.03%	0.000%
119	6.713	6.674	6.727	HH	1296	27707	0.05%	0.001%
120	6.754	6.727	6.787	HH	4506	95327	0.17%	0.003%
121	6.803	6.787	6.822	HH	3156	46878	0.09%	0.002%
122	6.838	6.822	6.854	HH	3401	45589	0.08%	0.002%
123	6.908	6.854	6.944	HH	6087	193416	0.35%	0.006%
124	6.965	6.944	6.977	HH	5253	85965	0.16%	0.003%
125	6.994	6.977	7.025	HH	9817	175356	0.32%	0.006%
126	7.058	7.025	7.075	HH	23326	300841	0.55%	0.010%
127	7.085	7.075	7.101	HH	5071	65368	0.12%	0.002%
128	7.108	7.101	7.124	HH	3381	39330	0.07%	0.001%
129	7.143	7.124	7.171	HH	4009	85282	0.16%	0.003%
130	7.193	7.171	7.215	HH	17920	199222	0.36%	0.007%
131	7.230	7.215	7.249	HH	2742	45930	0.08%	0.002%
132	7.259	7.249	7.269	HH	2528	28833	0.05%	0.001%
133	7.286	7.269	7.301	HH	6179	77869	0.14%	0.003%
134	7.311	7.301	7.334	HH	2856	46041	0.08%	0.002%
135	7.358	7.334	7.392	HH	10070	158671	0.29%	0.005%
136	7.423	7.392	7.444	HH	6319	113026	0.21%	0.004%
137	7.485	7.444	7.502	HH	4747	112521	0.21%	0.004%
138	7.538	7.502	7.555	HH	7058	141197	0.26%	0.005%
139	7.571	7.555	7.607	HH	7585	140189	0.26%	0.005%
140	7.621	7.607	7.631	HH	3668	46659	0.09%	0.002%
141	7.652	7.631	7.675	HH	4614	94823	0.17%	0.003%

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142	7.695	7.675	7.712	HH	4265	74239	0.14%	0.002%
143	7.748	7.712	7.769	HH	35931	456010	0.83%	0.015%
144	7.782	7.769	7.806	HH	10954	170883	0.31%	0.006%
145	7.809	7.806	7.819	HH	5305	41893	0.08%	0.001%
146	7.834	7.819	7.867	HH	6118	139999	0.26%	0.005%
147	7.882	7.867	7.896	HH	4852	71110	0.13%	0.002%
148	7.939	7.896	7.994	HH	9668	376797	0.69%	0.013%
149	8.007	7.994	8.018	HH	6848	93964	0.17%	0.003%
150	8.036	8.018	8.042	HH	15288	163740	0.30%	0.005%
151	8.052	8.042	8.092	HH	16933	299774	0.55%	0.010%
152	8.109	8.092	8.126	HH	6988	126973	0.23%	0.004%
153	8.155	8.126	8.170	HH	28400	389985	0.71%	0.013%
154	8.182	8.170	8.193	HH	18037	201451	0.37%	0.007%
155	8.208	8.193	8.254	HH	28009	492760	0.90%	0.016%
156	8.288	8.254	8.315	HH	96980	1187492	2.16%	0.040%
157	8.340	8.315	8.382	HH	199010	2373165	4.33%	0.079%
158	8.393	8.382	8.413	HH	9647	165270	0.30%	0.006%
159	8.429	8.413	8.457	HH	11928	233838	0.43%	0.008%
160	8.479	8.457	8.492	HH	8639	165443	0.30%	0.006%
161	8.508	8.492	8.541	HH	7696	199757	0.36%	0.007%
162	8.570	8.541	8.596	HH	24492	432686	0.79%	0.014%
163	8.635	8.596	8.657	HH	65152	942138	1.72%	0.031%
164	8.676	8.657	8.734	HH	21667	591425	1.08%	0.020%
165	8.763	8.734	8.781	HH	13030	328626	0.60%	0.011%
166	8.793	8.781	8.812	HH	13631	213041	0.39%	0.007%
167	8.826	8.812	8.838	HH	10659	154110	0.28%	0.005%
168	8.876	8.838	8.889	HH	18998	429770	0.78%	0.014%
169	8.907	8.889	8.932	HH	44208	598092	1.09%	0.020%
170	8.949	8.932	8.961	HH	13586	210794	0.38%	0.007%
171	8.996	8.961	9.015	HH	14455	414699	0.76%	0.014%
172	9.046	9.015	9.067	HH	22253	463002	0.84%	0.015%
173	9.085	9.067	9.119	HH	24135	481030	0.88%	0.016%
174	9.141	9.119	9.167	HH	18908	391551	0.71%	0.013%
175	9.201	9.167	9.217	HH	24353	493394	0.90%	0.016%
176	9.232	9.217	9.250	HH	24897	357457	0.65%	0.012%
177	9.284	9.250	9.302	HH	33981	631690	1.15%	0.021%
178	9.336	9.302	9.355	HH	24315	565112	1.03%	0.019%
179	9.377	9.355	9.396	HH	30627	501940	0.91%	0.017%
180	9.419	9.396	9.478	HH	98451	1737721	3.17%	0.058%
181	9.500	9.478	9.529	HH	29132	615256	1.12%	0.021%
182	9.541	9.529	9.545	HH	20358	184361	0.34%	0.006%
183	9.564	9.545	9.586	HH	37005	655245	1.19%	0.022%
184	9.598	9.586	9.613	HH	23045	341470	0.62%	0.011%
185	9.630	9.613	9.656	HH	26818	530343	0.97%	0.018%
186	9.679	9.656	9.711	HH	28708	655274	1.19%	0.022%
187	9.741	9.711	9.779	HH	39441	987652	1.80%	0.033%
188	9.794	9.779	9.812	HH	19284	360064	0.66%	0.012%
189	9.841	9.812	9.883	HH	49248	1213020	2.21%	0.040%
190	9.904	9.883	9.923	HH	22252	447022	0.81%	0.015%
191	9.939	9.923	9.964	HH	19662	434448	0.79%	0.015%
192	9.969	9.964	9.974	HH	15885	96842	0.18%	0.003%
193	10.004	9.974	10.028	HH	20869	593146	1.08%	0.020%
194	10.041	10.028	10.058	HH	18870	310636	0.57%	0.010%

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195	10.109	10.058	10.120	HH	20364	687814	1.25%	0.023%
196	10.132	10.120	10.146	HH	20906	300911	0.55%	0.010%
197	10.167	10.146	10.199	HH	27164	713100	1.30%	0.024%
198	10.221	10.199	10.242	HH	26791	590250	1.08%	0.020%
199	10.274	10.242	10.283	HH	34392	686738	1.25%	0.023%
200	10.302	10.283	10.325	HH	58378	1004370	1.83%	0.034%
201	10.342	10.325	10.384	HH	42339	1033297	1.88%	0.034%
202	10.421	10.384	10.452	HH	50773	1388375	2.53%	0.046%
203	10.471	10.452	10.529	HH	43454	1460018	2.66%	0.049%
204	10.590	10.529	10.605	HH	51235	1633613	2.98%	0.055%
205	10.625	10.605	10.667	HH	66613	1676514	3.06%	0.056%
206	10.696	10.667	10.706	HH	34345	740425	1.35%	0.025%
207	10.723	10.706	10.741	HH	43348	757139	1.38%	0.025%
208	10.756	10.741	10.777	HH	31241	653107	1.19%	0.022%
209	10.793	10.777	10.800	HH	35557	445460	0.81%	0.015%
210	10.828	10.800	10.868	HH	472763	5979098	10.90%	0.200%
211	10.900	10.868	10.918	HH	233065	3084783	5.62%	0.103%
212	10.924	10.918	10.944	HH	55936	705493	1.29%	0.024%
213	10.950	10.944	10.963	HH	34702	390539	0.71%	0.013%
214	10.971	10.963	10.985	HH	33385	423169	0.77%	0.014%
215	10.997	10.985	11.015	HH	33105	584946	1.07%	0.020%
216	11.037	11.015	11.052	HH	33862	724856	1.32%	0.024%
217	11.068	11.052	11.092	HH	34502	805871	1.47%	0.027%
218	11.111	11.092	11.154	HH	56656	1599206	2.92%	0.053%
219	11.184	11.154	11.198	HH	41102	1000113	1.82%	0.033%
220	11.230	11.198	11.242	HH	47066	1181053	2.15%	0.039%
221	11.250	11.242	11.263	HH	46028	556422	1.01%	0.019%
222	11.278	11.263	11.292	HH	46591	737380	1.34%	0.025%
223	11.315	11.292	11.331	HH	51429	1116897	2.04%	0.037%
224	11.364	11.331	11.395	HH	69928	2129679	3.88%	0.071%
225	11.425	11.395	11.452	HH	58928	1564315	2.85%	0.052%
226	11.477	11.452	11.498	HH	62920	1393704	2.54%	0.047%
227	11.518	11.498	11.547	HH	52315	1380788	2.52%	0.046%
228	11.581	11.547	11.595	HH	48177	1291195	2.35%	0.043%
229	11.630	11.595	11.644	HH	126200	2288372	4.17%	0.076%
230	11.660	11.644	11.684	HH	157662	2258240	4.12%	0.075%
231	11.692	11.684	11.703	HH	46237	502733	0.92%	0.017%
232	11.747	11.703	11.764	HH	231077	4543025	8.28%	0.152%
233	11.779	11.764	11.793	HH	126122	1712597	3.12%	0.057%
234	11.809	11.793	11.840	HH	143253	2484475	4.53%	0.083%
235	11.877	11.840	11.909	HH	59786	2175303	3.97%	0.073%
236	11.952	11.909	11.967	HH	63559	2020922	3.68%	0.067%
237	11.988	11.967	12.007	HH	72626	1556061	2.84%	0.052%
238	12.028	12.007	12.052	HH	68341	1668333	3.04%	0.056%
239	12.068	12.052	12.075	HH	59762	795735	1.45%	0.027%
240	12.102	12.075	12.122	HH	122173	2360805	4.30%	0.079%
241	12.133	12.122	12.147	HH	67892	954880	1.74%	0.032%
242	12.166	12.147	12.182	HH	81159	1538181	2.80%	0.051%
243	12.207	12.182	12.231	HH	171936	3122140	5.69%	0.104%
244	12.250	12.231	12.262	HH	69204	1244855	2.27%	0.042%
245	12.278	12.262	12.294	HH	71127	1327967	2.42%	0.044%
246	12.313	12.294	12.344	HH	78859	2167365	3.95%	0.072%

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247	12.356	12.344	12.361	HH	73985	758236	1.38%	0.025%
248	12.379	12.361	12.403	HH	81469	1845123	3.36%	0.062%
249	12.423	12.403	12.462	HH	102176	2961765	5.40%	0.099%
250	12.485	12.462	12.514	HH	125815	2907306	5.30%	0.097%
251	12.536	12.514	12.556	HH	174128	3178928	5.79%	0.106%
252	12.571	12.556	12.588	HH	116972	2121606	3.87%	0.071%
253	12.602	12.588	12.624	HH	116003	2327513	4.24%	0.078%
254	12.665	12.624	12.695	HH	1135985	17307040	31.55%	0.578%
255	12.713	12.695	12.730	HH	88301	1725353	3.15%	0.058%
256	12.752	12.730	12.765	HH	88132	1788571	3.26%	0.060%
257	12.789	12.765	12.807	HH	195261	3354234	6.11%	0.112%
258	12.817	12.807	12.824	HH	112087	1138598	2.08%	0.038%
259	12.839	12.824	12.859	HH	134794	2484515	4.53%	0.083%
260	12.870	12.859	12.878	HH	108203	1189429	2.17%	0.040%
261	12.893	12.878	12.926	HH	120713	3090913	5.63%	0.103%
262	12.965	12.926	12.991	HH	1132505	16742340	30.52%	0.559%
263	13.009	12.991	13.022	HH	151430	2391066	4.36%	0.080%
264	13.041	13.022	13.073	HH	221439	4464232	8.14%	0.149%
265	13.084	13.073	13.106	HH	101104	1955186	3.56%	0.065%
266	13.126	13.106	13.136	HH	129238	2090363	3.81%	0.070%
267	13.154	13.136	13.179	HH	148353	3168845	5.78%	0.106%
268	13.217	13.179	13.239	HH	176229	4391479	8.00%	0.147%
269	13.252	13.239	13.265	HH	117850	1788891	3.26%	0.060%
270	13.286	13.265	13.326	HH	141927	4422921	8.06%	0.148%
271	13.348	13.326	13.364	HH	152598	2964512	5.40%	0.099%
272	13.377	13.364	13.390	HH	132911	2008519	3.66%	0.067%
273	13.412	13.390	13.478	HH	202988	7404078	13.50%	0.247%
274	13.547	13.478	13.576	HH	385640	11147198	20.32%	0.372%
275	13.612	13.576	13.629	HH	152208	4296684	7.83%	0.143%
276	13.653	13.629	13.674	HH	306651	5758161	10.50%	0.192%
277	13.693	13.674	13.714	HH	244014	4423853	8.06%	0.148%
278	13.725	13.714	13.757	HH	152929	3852607	7.02%	0.129%
279	13.823	13.757	13.844	HH	257163	9986812	18.20%	0.333%
280	13.863	13.844	13.886	HH	239632	4696077	8.56%	0.157%
281	13.936	13.886	13.958	HH	165751	6542686	11.93%	0.218%
282	13.974	13.958	13.984	HH	149032	2349303	4.28%	0.078%
283	14.006	13.984	14.022	HH	153420	3460772	6.31%	0.116%
284	14.038	14.022	14.054	HH	156862	2910940	5.31%	0.097%
285	14.072	14.054	14.081	HH	158828	2544472	4.64%	0.085%
286	14.096	14.081	14.117	HH	171318	3486734	6.36%	0.116%
287	14.129	14.117	14.145	HH	161817	2596369	4.73%	0.087%
288	14.162	14.145	14.174	HH	157766	2619605	4.78%	0.087%
289	14.185	14.174	14.198	HH	163736	2350036	4.28%	0.078%
290	14.250	14.198	14.266	HH	223504	7912637	14.42%	0.264%
291	14.282	14.266	14.322	HH	228206	6548548	11.94%	0.219%
292	14.361	14.322	14.366	HH	211373	5143580	9.38%	0.172%
293	14.370	14.366	14.374	HH	212248	1029146	1.88%	0.034%
294	14.389	14.374	14.411	HH	222701	4666990	8.51%	0.156%
295	14.424	14.411	14.440	HH	208068	3545647	6.46%	0.118%
296	14.463	14.440	14.484	HH	292979	6400657	11.67%	0.214%
297	14.491	14.484	14.504	HH	223115	2568980	4.68%	0.086%
298	14.528	14.504	14.551	HH	383701	7862513	14.33%	0.262%
299	14.590	14.551	14.614	HH	248615	8589398	15.66%	0.287%

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300	14.650	14.614	14.670	HH	228128	7153779	13.04%	0.239%
301	14.704	14.670	14.749	HH	355524	12103018	22.06%	0.404%
302	14.796	14.749	14.815	HH	296300	9418705	17.17%	0.314%
303	14.850	14.815	14.870	HH	768725	15357029	27.99%	0.513%
304	14.895	14.870	14.919	HH	825920	14291222	26.05%	0.477%
305	14.936	14.919	14.962	HH	265694	6478340	11.81%	0.216%
306	15.007	14.962	15.066	HH	416389	18253996	33.27%	0.609%
307	15.087	15.066	15.114	HH	290926	7855796	14.32%	0.262%
308	15.120	15.114	15.122	HH	244994	1160612	2.12%	0.039%
309	15.153	15.122	15.175	HH	307480	8877780	16.18%	0.296%
310	15.185	15.175	15.198	HH	295066	4068905	7.42%	0.136%
311	15.203	15.198	15.253	HH	293480	9144479	16.67%	0.305%
312	15.288	15.253	15.322	HH	399326	13335660	24.31%	0.445%
313	15.337	15.322	15.352	HH	300883	5256388	9.58%	0.175%
314	15.368	15.352	15.375	HH	286724	3793568	6.92%	0.127%
315	15.397	15.375	15.411	HH	291256	6205110	11.31%	0.207%
316	15.434	15.411	15.455	HH	320672	8031997	14.64%	0.268%
317	15.480	15.455	15.497	HH	326728	7933330	14.46%	0.265%
318	15.524	15.497	15.545	HH	466099	10919687	19.90%	0.364%
319	15.563	15.545	15.592	HH	396292	9923378	18.09%	0.331%
320	15.610	15.592	15.634	HH	359335	8512249	15.52%	0.284%
321	15.686	15.634	15.724	HH	461064	20709748	37.75%	0.691%
322	15.765	15.724	15.783	HH	359752	12124291	22.10%	0.405%
323	15.815	15.783	15.823	HH	350283	8137069	14.83%	0.272%
324	15.826	15.823	15.829	HH	347029	1228363	2.24%	0.041%
325	15.848	15.829	15.876	HH	389336	10368435	18.90%	0.346%
326	15.889	15.876	15.904	HH	371652	6123973	11.16%	0.204%
327	15.942	15.904	15.955	HH	403829	11623103	21.19%	0.388%
328	15.964	15.955	15.988	HH	404043	7846121	14.30%	0.262%
329	15.994	15.988	16.019	HH	372035	6751372	12.31%	0.225%
330	16.026	16.019	16.030	HH	370645	2490039	4.54%	0.083%
331	16.036	16.030	16.044	HH	370824	3014439	5.49%	0.101%
332	16.047	16.044	16.054	HH	369524	2211736	4.03%	0.074%
333	16.059	16.054	16.088	HH	370954	7524687	13.72%	0.251%
334	16.130	16.088	16.153	HH	430940	15372271	28.02%	0.513%
335	16.161	16.153	16.178	HH	401047	6103580	11.13%	0.204%
336	16.207	16.178	16.212	HH	433792	8425500	15.36%	0.281%
337	16.215	16.212	16.222	HH	433695	2363523	4.31%	0.079%
338	16.231	16.222	16.266	HH	437229	11425728	20.83%	0.381%
339	16.285	16.266	16.293	HH	423743	6759831	12.32%	0.226%
340	16.336	16.293	16.361	HH	465377	17913208	32.65%	0.598%
341	16.368	16.361	16.373	HH	421227	3060155	5.58%	0.102%
342	16.376	16.373	16.380	HH	416762	1756874	3.20%	0.059%
343	16.436	16.380	16.485	HH	1067079	42076732	76.70%	1.405%
344	16.525	16.485	16.529	HH	485813	12261441	22.35%	0.409%
345	16.558	16.529	16.585	HH	649601	18501560	33.73%	0.618%
346	16.591	16.585	16.613	HH	513392	8356123	15.23%	0.279%
347	16.617	16.613	16.624	HH	484512	3223952	5.88%	0.108%
348	16.642	16.624	16.657	HH	510038	9850215	17.96%	0.329%
349	16.678	16.657	16.694	HH	514230	11073208	20.18%	0.370%
350	16.759	16.694	16.785	HH	867258	34951378	63.71%	1.167%
351	16.822	16.785	16.852	HH	1059993	28448925	51.86%	0.950%

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352	16.860	16.852	16.863	HH	523559	3443018	6.28%	0.115%
353	16.917	16.863	16.943	HH	745407	29077614	53.00%	0.971%
354	16.961	16.943	16.994	HH	610900	17094110	31.16%	0.571%
355	17.004	16.994	17.018	HH	546407	7706574	14.05%	0.257%
356	17.067	17.018	17.090	HH	625462	25000472	45.57%	0.835%
357	17.106	17.090	17.127	HH	584191	12993855	23.69%	0.434%
358	17.142	17.127	17.154	HH	594545	9405464	17.14%	0.314%
359	17.182	17.154	17.201	HH	650862	17508511	31.92%	0.584%
360	17.209	17.201	17.215	HH	642237	5323912	9.70%	0.178%
361	17.220	17.215	17.248	HH	644224	12352095	22.52%	0.412%
362	17.270	17.248	17.285	HH	613211	13373965	24.38%	0.446%
363	17.321	17.285	17.369	HH	698686	32188610	58.67%	1.074%
364	17.399	17.369	17.414	HH	658776	16912098	30.83%	0.565%
365	17.425	17.414	17.449	HH	648086	13088577	23.86%	0.437%
366	17.476	17.449	17.498	HH	699194	19409954	35.38%	0.648%
367	17.531	17.498	17.560	HH	637992	23182859	42.26%	0.774%
368	17.579	17.560	17.586	HH	632001	9414449	17.16%	0.314%
369	17.593	17.586	17.612	HH	622321	9505258	17.33%	0.317%
370	17.627	17.612	17.638	HH	618776	9798867	17.86%	0.327%
371	17.649	17.638	17.666	HH	614870	9930453	18.10%	0.331%
372	17.700	17.666	17.716	HH	661092	19067668	34.76%	0.636%
373	17.790	17.716	17.851	HH	764283	54859342	100.00%	1.831%
374	17.870	17.851	17.877	HH	647569	9995023	18.22%	0.334%
375	17.900	17.877	17.903	HH	664674	10352245	18.87%	0.346%
376	17.948	17.903	18.025	HH	915460	53859851	98.18%	1.798%
377	18.041	18.025	18.052	HH	676141	10661794	19.43%	0.356%
378	18.057	18.052	18.074	HH	657439	8590672	15.66%	0.287%
379	18.109	18.074	18.135	HH	763520	26353214	48.04%	0.880%
380	18.148	18.135	18.171	HH	738576	15614783	28.46%	0.521%
381	18.212	18.171	18.241	HH	1018210	34547350	62.97%	1.153%
382	18.246	18.241	18.257	HH	740305	7254276	13.22%	0.242%
383	18.264	18.257	18.270	HH	720959	5376622	9.80%	0.179%
384	18.321	18.270	18.359	HH	903868	42177582	76.88%	1.408%
385	18.366	18.359	18.426	HH	774740	29185319	53.20%	0.974%
386	18.470	18.426	18.499	HH	991201	35610266	64.91%	1.189%
387	18.512	18.499	18.522	HH	721541	10091441	18.40%	0.337%
388	18.545	18.522	18.564	HH	741912	18135490	33.06%	0.605%
389	18.598	18.564	18.628	HH	831522	29545515	53.86%	0.986%
390	18.632	18.628	18.674	HH	746641	19790775	36.08%	0.661%
391	18.694	18.674	18.701	HH	714062	11292213	20.58%	0.377%
392	18.714	18.701	18.719	HH	723782	7783332	14.19%	0.260%
393	18.742	18.719	18.764	HH	856105	21247944	38.73%	0.709%
394	18.792	18.764	18.824	HH	828208	27907986	50.87%	0.932%
395	18.842	18.824	18.860	HH	739740	15440247	28.15%	0.515%
396	18.890	18.860	18.907	HH	768107	21290522	38.81%	0.711%
397	18.919	18.907	18.957	HH	765895	22327077	40.70%	0.745%
398	18.982	18.957	19.004	HH	805697	21282158	38.79%	0.710%
399	19.024	19.004	19.029	HH	758727	11165550	20.35%	0.373%
400	19.035	19.029	19.044	HH	760593	6908706	12.59%	0.231%
401	19.076	19.044	19.111	HH	819658	30700104	55.96%	1.025%
402	19.145	19.111	19.179	HH	814694	31575050	57.56%	1.054%
403	19.182	19.179	19.201	HH	755058	9531501	17.37%	0.318%
404	19.208	19.201	19.227	HH	739440	11681371	21.29%	0.390%

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405	19.242	19.227	19.251	HH	746999	10320115	18.81%	0.344%
406	19.257	19.251	19.274	HH	751577	10389141	18.94%	0.347%
407	19.277	19.274	19.296	HH	741923	9747873	17.77%	0.325%
408	19.302	19.296	19.309	HH	748118	5928310	10.81%	0.198%
409	19.315	19.309	19.320	HH	753662	4888682	8.91%	0.163%
410	19.326	19.320	19.334	HH	745425	6022654	10.98%	0.201%
411	19.338	19.334	19.354	HH	749868	8628718	15.73%	0.288%
412	19.359	19.354	19.364	HH	738442	4544009	8.28%	0.152%
413	19.369	19.364	19.379	HH	740881	6721272	12.25%	0.224%
414	19.384	19.379	19.392	HH	744584	5516628	10.06%	0.184%
415	19.399	19.392	19.404	HH	754770	5511117	10.05%	0.184%
416	19.418	19.404	19.435	HH	772532	14067938	25.64%	0.470%
417	19.458	19.435	19.484	HH	812943	23006171	41.94%	0.768%
418	19.488	19.484	19.509	HH	754881	11423751	20.82%	0.381%
419	19.522	19.509	19.532	HH	770600	10211451	18.61%	0.341%
420	19.559	19.532	19.582	HH	810316	23148265	42.20%	0.773%
421	19.593	19.582	19.604	HH	764929	10262744	18.71%	0.343%
422	19.634	19.604	19.673	HH	869957	33663579	61.36%	1.124%
423	19.703	19.673	19.746	HH	903051	36726438	66.95%	1.226%
424	19.756	19.746	19.760	HH	809785	6650089	12.12%	0.222%
425	19.781	19.760	19.824	HH	844707	31579952	57.57%	1.054%
426	19.857	19.824	19.879	HH	824744	26327133	47.99%	0.879%
427	19.902	19.879	19.907	HH	780582	12922629	23.56%	0.431%
428	19.915	19.907	19.935	HH	796459	13295794	24.24%	0.444%
429	19.943	19.935	19.949	HH	790539	6243294	11.38%	0.208%
430	19.972	19.949	19.978	HH	813793	14014664	25.55%	0.468%
431	20.027	19.978	20.055	HH	938935	39388792	71.80%	1.315%
432	20.061	20.055	20.065	HH	801230	5159552	9.41%	0.172%
433	20.092	20.065	20.139	HH	901195	37375092	68.13%	1.248%
434	20.143	20.139	20.145	HH	809156	2952841	5.38%	0.099%
435	20.175	20.145	20.200	HH	835868	26844912	48.93%	0.896%
436	20.206	20.200	20.213	HH	814068	6154735	11.22%	0.205%
437	20.218	20.213	20.224	HH	815451	5359922	9.77%	0.179%
438	20.254	20.224	20.279	HH	852425	27187976	49.56%	0.908%
439	20.290	20.279	20.296	HH	810114	7862802	14.33%	0.262%
440	20.301	20.296	20.316	HH	813402	9948120	18.13%	0.332%
441	20.326	20.316	20.331	HH	831760	7290286	13.29%	0.243%
442	20.337	20.331	20.344	HH	831433	6481768	11.82%	0.216%
443	20.362	20.344	20.371	HH	828469	13446789	24.51%	0.449%
444	20.390	20.371	20.412	HH	847135	19977449	36.42%	0.667%
445	20.417	20.412	20.421	HH	786301	3906182	7.12%	0.130%
446	20.427	20.421	20.436	HH	791603	6915587	12.61%	0.231%
447	20.454	20.436	20.470	HH	785939	15845611	28.88%	0.529%
448	20.486	20.470	20.492	HH	766881	10131656	18.47%	0.338%
449	20.499	20.492	20.508	HH	767846	7288054	13.28%	0.243%
450	20.529	20.508	20.551	HH	777520	19704884	35.92%	0.658%
451	20.556	20.551	20.564	HH	757618	5993386	10.93%	0.200%
452	20.594	20.564	20.602	HH	769654	17325747	31.58%	0.578%
453	20.609	20.602	20.617	HH	746518	6680186	12.18%	0.223%
454	20.621	20.617	20.629	HH	743515	5151992	9.39%	0.172%
455	20.654	20.629	20.659	HH	742921	13438539	24.50%	0.449%
456	20.672	20.659	20.684	HH	751313	11018080	20.08%	0.368%

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457	20.688	20.684	20.702	HH	751688	8122878	14.81%	0.271%
458	20.706	20.702	20.727	HH	737448	10821537	19.73%	0.361%
459	20.732	20.727	20.738	HH	729732	4545873	8.29%	0.152%
460	20.749	20.738	20.758	HH	729309	8801409	16.04%	0.294%
461	20.779	20.758	20.801	HH	737504	18246901	33.26%	0.609%
462	20.813	20.801	20.837	HH	716406	15556589	28.36%	0.519%
463	20.855	20.837	20.886	HH	704115	20054949	36.56%	0.669%
464	20.889	20.886	20.893	HH	696128	2803425	5.11%	0.094%
465	20.898	20.893	20.903	HH	699464	4454572	8.12%	0.149%
466	20.908	20.903	20.921	HH	693412	7476711	13.63%	0.250%
467	20.927	20.921	20.942	HH	687506	8369838	15.26%	0.279%
468	20.947	20.942	20.962	HH	671702	7990063	14.56%	0.267%
469	20.967	20.962	20.990	HH	667378	10817592	19.72%	0.361%
470	21.008	20.990	21.024	HH	659018	13577427	24.75%	0.453%
471	21.046	21.024	21.055	HH	669543	11852701	21.61%	0.396%
472	21.081	21.055	21.124	HH	665253	27243340	49.66%	0.909%
473	21.136	21.124	21.146	HH	646022	8261373	15.06%	0.276%
474	21.151	21.146	21.159	HH	633556	4950466	9.02%	0.165%
475	21.170	21.159	21.187	HH	647366	10645507	19.41%	0.355%
476	21.206	21.187	21.230	HH	633278	16130159	29.40%	0.538%
477	21.252	21.230	21.269	HH	631110	14525181	26.48%	0.485%
478	21.282	21.269	21.300	HH	628617	11316455	20.63%	0.378%
479	21.304	21.300	21.311	HH	611737	4309755	7.86%	0.144%
480	21.357	21.311	21.364	HH	615636	18987950	34.61%	0.634%
481	21.376	21.364	21.407	HH	622583	15766519	28.74%	0.526%
482	21.420	21.407	21.423	HH	606465	6037592	11.01%	0.202%
483	21.429	21.423	21.436	HH	613924	4601622	8.39%	0.154%
484	21.445	21.436	21.452	HH	622099	6082649	11.09%	0.203%
485	21.466	21.452	21.477	HH	627786	9300613	16.95%	0.310%
486	21.483	21.477	21.500	HH	619815	8462725	15.43%	0.282%
487	21.505	21.500	21.527	HH	611365	9616489	17.53%	0.321%
488	21.540	21.527	21.565	HH	585450	13124178	23.92%	0.438%
489	21.573	21.565	21.578	HH	569551	4325419	7.88%	0.144%
490	21.582	21.578	21.601	HH	568247	7798307	14.22%	0.260%
491	21.617	21.601	21.620	HH	560736	6308374	11.50%	0.211%
492	21.629	21.620	21.641	HH	569223	7056665	12.86%	0.236%
493	21.654	21.641	21.661	HH	559836	6446337	11.75%	0.215%
494	21.670	21.661	21.676	HH	564012	5057805	9.22%	0.169%
495	21.683	21.676	21.697	HH	555491	7009980	12.78%	0.234%
496	21.707	21.697	21.717	HH	544177	6590939	12.01%	0.220%
497	21.734	21.717	21.746	HH	540567	9121137	16.63%	0.304%
498	21.769	21.746	21.825	HH	562440	25723368	46.89%	0.859%
499	21.852	21.825	21.871	HH	554525	15136960	27.59%	0.505%
500	21.879	21.871	21.901	HHA	550302	9874421	18.00%	0.330%

Sum of corrected areas: 2995803593

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