

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093021\
 Data File : FF009046.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2021 17:51
 Sample : M3991-02
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090721.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.373	2.340	2.392	BH	347	1095	0.01%	0.000%
2	2.396	2.392	2.402	PH	-44	-573	-0.01%	-0.000%
3	2.412	2.402	2.419	PH	78	-499	-0.00%	-0.000%
4	2.421	2.419	2.426	PH	-16	-300	-0.00%	-0.000%
5	2.433	2.426	2.437	PH	40	-303	-0.00%	-0.000%
6	2.441	2.437	2.445	PH	14	-115	-0.00%	-0.000%
7	2.451	2.445	2.474	PH	28	-1286	-0.01%	-0.000%
8	2.483	2.474	2.497	PH	-2	-1168	-0.01%	-0.000%
9	2.508	2.497	2.519	PH	11	-805	-0.01%	-0.000%
10	2.529	2.519	2.535	PH	67	-613	-0.01%	-0.000%
11	2.548	2.535	2.581	PH	609	5221	0.05%	0.000%
12	2.605	2.581	2.621	PH	580	3865	0.03%	0.000%
13	2.641	2.621	2.653	PH	431	3121	0.03%	0.000%
14	2.660	2.653	2.675	HH	393	4057	0.04%	0.000%
15	2.678	2.675	2.694	HH	355	2263	0.02%	0.000%
16	2.705	2.694	2.716	HH	265	1713	0.02%	0.000%
17	2.732	2.716	2.743	PH	77	592	0.01%	0.000%
18	2.748	2.743	2.764	PH	108	-226	-0.00%	-0.000%
19	2.770	2.764	2.815	PH	41	-1469	-0.01%	-0.000%
20	2.836	2.815	2.875	PH	320	-205	-0.00%	-0.000%
21	2.880	2.875	2.896	PH	-72	-2021	-0.02%	-0.000%
22	2.927	2.896	2.957	PH	983	8459	0.08%	0.001%
23	2.969	2.957	2.982	PH	-4	-1086	-0.01%	-0.000%
24	2.994	2.982	3.013	PH	186	219	0.00%	0.000%
25	3.037	3.013	3.048	PH	261	816	0.01%	0.000%
26	3.058	3.048	3.069	PH	116	-37	-0.00%	-0.000%
27	3.086	3.069	3.099	PH	659	4707	0.04%	0.000%
28	3.108	3.099	3.123	HH	473	3538	0.03%	0.000%
29	3.138	3.123	3.144	PH	234	1438	0.01%	0.000%
30	3.155	3.144	3.172	HH	472	3455	0.03%	0.000%
31	3.184	3.172	3.208	PH	557	3643	0.03%	0.000%
32	3.219	3.208	3.244	PH	35	-867	-0.01%	-0.000%
33	3.255	3.244	3.266	PH	35	-250	-0.00%	-0.000%
34	3.281	3.266	3.315	PH	1763	15332	0.14%	0.001%
35	3.328	3.315	3.345	HH	432	3972	0.04%	0.000%
36	3.363	3.345	3.382	HH	232	1899	0.02%	0.000%

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37	3.401	3.382	3.418	PH	622	3596	0.03%	0.000%
38	3.429	3.418	3.449	PH	-20	-2434	-0.02%	-0.000%
39	3.454	3.449	3.477	PH	-80	-3010	-0.03%	-0.000%
40	3.480	3.477	3.487	PH	-194	-1341	-0.01%	-0.000%
41	3.493	3.487	3.498	PH	-153	-1217	-0.01%	-0.000%
42	3.512	3.498	3.535	PH	-56	-3717	-0.03%	-0.000%
43	3.552	3.535	3.556	PH	-94	-2353	-0.02%	-0.000%
44	3.570	3.556	3.573	PH	-27	-1081	-0.01%	-0.000%
45	3.577	3.573	3.584	PH	-77	-718	-0.01%	-0.000%
46	3.598	3.584	3.618	PH	37	-1827	-0.02%	-0.000%
47	3.621	3.618	3.654	PH	-123	-4412	-0.04%	-0.000%
48	3.681	3.654	3.696	PH	23	-2555	-0.02%	-0.000%
49	3.706	3.696	3.720	PH	-23	-839	-0.01%	-0.000%
50	3.723	3.720	3.748	PH	2	-2317	-0.02%	-0.000%
51	3.752	3.748	3.761	PH	-131	-1712	-0.02%	-0.000%
52	3.775	3.761	3.798	PH	292	-619	-0.01%	-0.000%
53	3.816	3.798	3.829	PH	-46	-3905	-0.03%	-0.000%
54	3.878	3.829	3.882	PH	-35	-5836	-0.05%	-0.001%
55	3.886	3.882	3.891	PH	-25	-431	-0.00%	-0.000%
56	3.902	3.891	3.914	PH	121	-232	-0.00%	-0.000%
57	3.922	3.914	3.943	PH	31	-2509	-0.02%	-0.000%
58	3.953	3.943	3.968	PH	-112	-3795	-0.03%	-0.000%
59	3.987	3.968	4.022	PH	268	-2924	-0.03%	-0.000%
60	4.025	4.022	4.037	PH	-200	-2529	-0.02%	-0.000%
61	4.044	4.037	4.051	PH	-254	-2394	-0.02%	-0.000%
62	4.076	4.051	4.089	PH	1041	8658	0.08%	0.001%
63	4.105	4.089	4.147	HH	2926	30454	0.27%	0.003%
64	4.169	4.147	4.193	PH	253	917	0.01%	0.000%
65	4.241	4.193	4.258	PH	1057	8956	0.08%	0.001%
66	4.271	4.258	4.293	HH	461	3638	0.03%	0.000%
67	4.295	4.293	4.299	PH	-16	-182	-0.00%	-0.000%
68	4.305	4.299	4.317	PH	-49	-827	-0.01%	-0.000%
69	4.326	4.317	4.362	PH	71	-2480	-0.02%	-0.000%
70	4.366	4.362	4.379	PH	-137	-2235	-0.02%	-0.000%
71	4.390	4.379	4.398	PH	-38	-1704	-0.02%	-0.000%
72	4.409	4.398	4.426	PH	44	-1057	-0.01%	-0.000%
73	4.435	4.426	4.449	PH	79	-210	-0.00%	-0.000%
74	4.474	4.449	4.502	PH	1051	5337	0.05%	0.000%
75	4.521	4.502	4.539	PH	58	-1554	-0.01%	-0.000%
76	4.550	4.539	4.590	PH	37	-1707	-0.02%	-0.000%
77	4.593	4.590	4.601	PH	-170	-1048	-0.01%	-0.000%
78	4.622	4.601	4.667	PH	3388	25020	0.22%	0.002%
79	4.685	4.667	4.688	PH	-44	-1635	-0.01%	-0.000%
80	4.699	4.688	4.719	PH	157	-363	-0.00%	-0.000%
81	4.728	4.719	4.746	PH	-2	-1781	-0.02%	-0.000%
82	4.761	4.746	4.779	PH	219	-612	-0.01%	-0.000%
83	4.787	4.779	4.796	PH	-134	-2111	-0.02%	-0.000%
84	4.818	4.796	4.844	PH	545	4048	0.04%	0.000%
85	4.861	4.844	4.878	PH	477	2724	0.02%	0.000%
86	4.900	4.878	4.918	PH	172	261	0.00%	0.000%
87	4.931	4.918	4.936	PH	38	-213	-0.00%	-0.000%
88	4.951	4.936	4.966	PH	198	1424	0.01%	0.000%
89	4.975	4.966	5.000	HH	228	-710	-0.01%	-0.000%

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90	5.009	5.000	5.025	PH	-133	-3682	-0.03%	-0.000%
91	5.070	5.025	5.087	PH	582	4996	0.04%	0.000%
92	5.095	5.087	5.132	PH	93	-1760	-0.02%	-0.000%
93	5.134	5.132	5.140	PH	-224	-1245	-0.01%	-0.000%
94	5.164	5.140	5.182	PH	77	-2742	-0.02%	-0.000%
95	5.212	5.182	5.242	PH	170	-3325	-0.03%	-0.000%
96	5.251	5.242	5.259	PH	-178	-3004	-0.03%	-0.000%
97	5.283	5.259	5.310	PH	-124	-8129	-0.07%	-0.001%
98	5.331	5.310	5.352	PH	942	5343	0.05%	0.000%
99	5.354	5.352	5.362	PH	-173	-1137	-0.01%	-0.000%
100	5.366	5.362	5.377	PH	-175	-2081	-0.02%	-0.000%
101	5.391	5.377	5.427	PH	22	-5223	-0.05%	-0.000%
102	5.440	5.427	5.454	PH	-219	-4836	-0.04%	-0.000%
103	5.462	5.454	5.491	PH	-169	-7124	-0.06%	-0.001%
104	5.511	5.491	5.536	PH	378	-2705	-0.02%	-0.000%
105	5.563	5.536	5.613	PH	2098	14384	0.13%	0.001%
106	5.623	5.613	5.646	PH	21	-2588	-0.02%	-0.000%
107	5.649	5.646	5.652	PH	-221	-1006	-0.01%	-0.000%
108	5.668	5.652	5.689	PH	-22	-2532	-0.02%	-0.000%
109	5.705	5.689	5.723	PH	103	-1526	-0.01%	-0.000%
110	5.748	5.723	5.769	PH	86	-3444	-0.03%	-0.000%
111	5.799	5.769	5.807	PH	-5	-2545	-0.02%	-0.000%
112	5.813	5.807	5.838	PH	-17	-3371	-0.03%	-0.000%
113	5.854	5.838	5.870	PH	-149	-4792	-0.04%	-0.000%
114	5.885	5.870	5.907	PH	-87	-4064	-0.04%	-0.000%
115	5.929	5.907	5.950	PH	25	-3220	-0.03%	-0.000%
116	5.969	5.950	5.986	PH	15	-3308	-0.03%	-0.000%
117	5.996	5.986	6.002	PH	-164	-1897	-0.02%	-0.000%
118	6.070	6.002	6.090	PH	1777	22712	0.20%	0.002%
119	6.117	6.090	6.186	HH	68492	730076	6.53%	0.066%
120	6.203	6.186	6.240	HH	2029	42113	0.38%	0.004%
121	6.244	6.240	6.251	HH	812	5446	0.05%	0.000%
122	6.257	6.251	6.293	HH	854	17928	0.16%	0.002%
123	6.307	6.293	6.325	HH	767	12218	0.11%	0.001%
124	6.338	6.325	6.353	HH	1201	15601	0.14%	0.001%
125	6.356	6.353	6.405	HH	848	18978	0.17%	0.002%
126	6.429	6.405	6.440	HH	736	13529	0.12%	0.001%
127	6.456	6.440	6.474	HH	901	13948	0.12%	0.001%
128	6.491	6.474	6.521	HH	1123	17874	0.16%	0.002%
129	6.527	6.521	6.538	HH	338	2635	0.02%	0.000%
130	6.556	6.538	6.565	HH	559	6505	0.06%	0.001%
131	6.592	6.565	6.622	HH	875	19071	0.17%	0.002%
132	6.642	6.622	6.677	HH	1196	27439	0.25%	0.002%
133	6.693	6.677	6.734	HH	908	19769	0.18%	0.002%
134	6.736	6.734	6.747	HH	471	3718	0.03%	0.000%
135	6.769	6.747	6.790	HH	995	16838	0.15%	0.002%
136	6.820	6.790	6.826	HH	999	14720	0.13%	0.001%
137	6.830	6.826	6.848	HH	1013	10188	0.09%	0.001%
138	6.865	6.848	6.879	HH	1096	15083	0.13%	0.001%
139	6.899	6.879	6.916	HH	1120	20093	0.18%	0.002%
140	6.932	6.916	6.941	HH	962	12457	0.11%	0.001%
141	6.959	6.941	6.982	HH	1844	33668	0.30%	0.003%

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142	6.998	6.982	7.008	HH	1634	23326	0.21%	0.002%
143	7.019	7.008	7.037	HH	1659	27850	0.25%	0.003%
144	7.057	7.037	7.083	HH	3006	58926	0.53%	0.005%
145	7.092	7.083	7.101	HH	1587	15872	0.14%	0.001%
146	7.124	7.101	7.137	HH	2406	41298	0.37%	0.004%
147	7.154	7.137	7.178	HH	2325	52565	0.47%	0.005%
148	7.194	7.178	7.205	HH	2471	37964	0.34%	0.003%
149	7.214	7.205	7.240	HH	2579	44768	0.40%	0.004%
150	7.256	7.240	7.271	HH	2433	37106	0.33%	0.003%
151	7.302	7.271	7.317	HH	2844	64242	0.57%	0.006%
152	7.331	7.317	7.360	HH	2501	57468	0.51%	0.005%
153	7.396	7.360	7.400	HH	2730	56464	0.50%	0.005%
154	7.414	7.400	7.428	HH	3541	50903	0.46%	0.005%
155	7.438	7.428	7.454	HH	3177	45069	0.40%	0.004%
156	7.471	7.454	7.479	HH	3014	43487	0.39%	0.004%
157	7.499	7.479	7.524	HH	3599	88110	0.79%	0.008%
158	7.551	7.524	7.563	HH	3680	77365	0.69%	0.007%
159	7.598	7.563	7.630	HH	4234	152714	1.37%	0.014%
160	7.637	7.630	7.661	HH	3363	59834	0.53%	0.005%
161	7.681	7.661	7.690	HH	4662	70319	0.63%	0.006%
162	7.714	7.690	7.747	HH	9513	212829	1.90%	0.019%
163	7.767	7.747	7.783	HH	4862	101408	0.91%	0.009%
164	7.814	7.783	7.828	HH	5677	140945	1.26%	0.013%
165	7.858	7.828	7.890	HH	8810	282813	2.53%	0.025%
166	7.900	7.890	7.924	HH	7401	132353	1.18%	0.012%
167	7.994	7.924	8.010	HH	9119	381869	3.41%	0.034%
168	8.032	8.010	8.057	HH	18525	347719	3.11%	0.031%
169	8.059	8.057	8.080	HH	9530	117813	1.05%	0.011%
170	8.103	8.080	8.121	HH	12718	256278	2.29%	0.023%
171	8.138	8.121	8.152	HH	11125	192019	1.72%	0.017%
172	8.177	8.152	8.204	HH	15426	389944	3.49%	0.035%
173	8.220	8.204	8.229	HH	13854	185936	1.66%	0.017%
174	8.251	8.229	8.273	HH	44940	696781	6.23%	0.063%
175	8.283	8.273	8.294	HH	16350	200718	1.79%	0.018%
176	8.301	8.294	8.324	HH	15238	259173	2.32%	0.023%
177	8.334	8.324	8.347	HH	13991	191683	1.71%	0.017%
178	8.377	8.347	8.390	HH	16530	377899	3.38%	0.034%
179	8.406	8.390	8.419	HH	16808	280298	2.51%	0.025%
180	8.456	8.419	8.489	HH	44077	1024897	9.16%	0.092%
181	8.508	8.489	8.524	HH	18121	351721	3.14%	0.032%
182	8.556	8.524	8.604	HH	26631	1038724	9.28%	0.094%
183	8.636	8.604	8.657	HH	23304	665605	5.95%	0.060%
184	8.683	8.657	8.712	HH	38743	985278	8.81%	0.089%
185	8.719	8.712	8.729	HH	26475	271161	2.42%	0.024%
186	8.751	8.729	8.773	HH	66305	1112021	9.94%	0.100%
187	8.789	8.773	8.799	HH	38548	535745	4.79%	0.048%
188	8.815	8.799	8.839	HH	63564	1053557	9.42%	0.095%
189	8.858	8.839	8.880	HH	30518	706252	6.31%	0.064%
190	8.904	8.880	8.910	HH	35352	581269	5.20%	0.052%
191	8.923	8.910	8.935	HH	38064	558662	4.99%	0.050%
192	8.949	8.935	8.959	HH	38761	537457	4.80%	0.048%
193	8.968	8.959	9.001	HH	38672	905581	8.09%	0.082%
194	9.036	9.001	9.066	HH	50085	1573941	14.07%	0.142%

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195	9.096	9.066	9.119	HH	40405	1222511	10.93%	0.110%
196	9.130	9.119	9.140	HH	38486	480620	4.30%	0.043%
197	9.155	9.140	9.167	HH	42794	657344	5.88%	0.059%
198	9.189	9.167	9.223	HH	47485	1476972	13.20%	0.133%
199	9.272	9.223	9.289	HH	46610	1685356	15.07%	0.152%
200	9.326	9.289	9.379	HH	55805	2667228	23.84%	0.240%
201	9.425	9.379	9.449	HH	72999	2523826	22.56%	0.228%
202	9.482	9.449	9.490	HH	76744	1552886	13.88%	0.140%
203	9.506	9.490	9.537	HH	117912	2288705	20.46%	0.206%
204	9.562	9.537	9.573	HH	73608	1418427	12.68%	0.128%
205	9.587	9.573	9.604	HH	73713	1319257	11.79%	0.119%
206	9.640	9.604	9.655	HH	73403	2039098	18.23%	0.184%
207	9.671	9.655	9.690	HH	70818	1425311	12.74%	0.129%
208	9.708	9.690	9.722	HH	71894	1298242	11.60%	0.117%
209	9.730	9.722	9.745	HH	69819	924233	8.26%	0.083%
210	9.762	9.745	9.778	HH	74822	1423140	12.72%	0.128%
211	9.795	9.778	9.813	HH	77527	1570770	14.04%	0.142%
212	9.836	9.813	9.848	HH	78163	1596194	14.27%	0.144%
213	9.859	9.848	9.875	HH	80494	1274967	11.40%	0.115%
214	9.898	9.875	9.905	HH	82545	1383772	12.37%	0.125%
215	9.912	9.905	9.925	HH	83784	986101	8.81%	0.089%
216	9.944	9.925	9.955	HH	83377	1513143	13.53%	0.136%
217	9.988	9.955	10.009	HH	88287	2759532	24.67%	0.249%
218	10.012	10.009	10.035	HH	84945	1343388	12.01%	0.121%
219	10.062	10.035	10.073	HH	94866	2002813	17.90%	0.181%
220	10.095	10.073	10.104	HH	95081	1769509	15.82%	0.160%
221	10.109	10.104	10.112	HH	94941	443990	3.97%	0.040%
222	10.131	10.112	10.139	HH	98153	1539739	13.76%	0.139%
223	10.160	10.139	10.177	HH	103272	2244324	20.06%	0.202%
224	10.200	10.177	10.221	HH	104016	2661498	23.79%	0.240%
225	10.240	10.221	10.247	HH	107389	1663806	14.87%	0.150%
226	10.275	10.247	10.297	HH	129887	3516123	31.43%	0.317%
227	10.316	10.297	10.335	HH	121719	2643526	23.63%	0.238%
228	10.370	10.335	10.386	HH	126765	3804985	34.01%	0.343%
229	10.404	10.386	10.411	HH	123756	1765962	15.79%	0.159%
230	10.427	10.411	10.452	HH	128551	3073138	27.47%	0.277%
231	10.487	10.452	10.500	HH	128371	3600256	32.18%	0.325%
232	10.515	10.500	10.520	HH	132578	1527165	13.65%	0.138%
233	10.556	10.520	10.583	HH	139928	5082259	45.43%	0.458%
234	10.625	10.583	10.634	HH	146870	4263379	38.11%	0.384%
235	10.651	10.634	10.664	HH	150347	2705896	24.19%	0.244%
236	10.695	10.664	10.718	HH	174885	5156933	46.10%	0.465%
237	10.739	10.718	10.779	HH	161999	5714555	51.08%	0.515%
238	10.798	10.779	10.811	HH	156994	3016493	26.96%	0.272%
239	10.832	10.811	10.847	HH	164005	3404866	30.44%	0.307%
240	10.890	10.847	10.927	HH	203529	8370268	74.82%	0.755%
241	10.961	10.927	10.979	HH	184396	5430473	48.54%	0.490%
242	10.984	10.979	10.990	HH	175454	1218956	10.90%	0.110%
243	11.014	10.990	11.030	HH	180826	4256758	38.05%	0.384%
244	11.048	11.030	11.069	HH	186111	4173505	37.31%	0.376%
245	11.072	11.069	11.087	HH	179526	1999104	17.87%	0.180%
246	11.108	11.087	11.125	HH	196582	4284900	38.30%	0.386%

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247	11.137	11.125	11.151	HH	193486	2960491	26.46%	0.267%
248	11.167	11.151	11.172	HH	198397	2393088	21.39%	0.216%
249	11.178	11.172	11.203	HH	201568	3705440	33.12%	0.334%
250	11.216	11.203	11.223	HH	196436	2331368	20.84%	0.210%
251	11.228	11.223	11.244	HH	194921	2408706	21.53%	0.217%
252	11.265	11.244	11.281	HH	203895	4466786	39.93%	0.403%
253	11.295	11.281	11.299	HH	209616	2262115	20.22%	0.204%
254	11.308	11.299	11.337	HH	211054	4654821	41.61%	0.420%
255	11.359	11.337	11.371	HH	201977	4095747	36.61%	0.369%
256	11.379	11.371	11.383	HH	198234	1382757	12.36%	0.125%
257	11.416	11.383	11.454	HH	237606	9126168	81.58%	0.823%
258	11.460	11.454	11.467	HH	205119	1624596	14.52%	0.146%
259	11.481	11.467	11.508	HH	214221	5096967	45.56%	0.460%
260	11.539	11.508	11.545	HH	215051	4648142	41.55%	0.419%
261	11.551	11.545	11.558	HH	214714	1647372	14.73%	0.149%
262	11.566	11.558	11.571	HH	215168	1712047	15.30%	0.154%
263	11.578	11.571	11.589	HH	217403	2260833	20.21%	0.204%
264	11.591	11.589	11.598	HH	215635	1180878	10.56%	0.106%
265	11.612	11.598	11.617	HH	218163	2454038	21.94%	0.221%
266	11.637	11.617	11.651	HH	225493	4586497	41.00%	0.414%
267	11.658	11.651	11.670	HH	216183	2434242	21.76%	0.219%
268	11.704	11.670	11.724	HH	239658	7252805	64.83%	0.654%
269	11.727	11.724	11.736	HH	230691	1705424	15.24%	0.154%
270	11.744	11.736	11.761	HH	232123	3418310	30.56%	0.308%
271	11.803	11.761	11.820	HH	244040	8091296	72.33%	0.730%
272	11.841	11.820	11.862	HH	250293	6133917	54.83%	0.553%
273	11.877	11.862	11.892	HH	245818	4311874	38.54%	0.389%
274	11.906	11.892	11.924	HH	236189	4384600	39.19%	0.395%
275	11.957	11.924	11.968	HH	253702	6268073	56.03%	0.565%
276	11.977	11.968	11.991	HH	251585	3437168	30.72%	0.310%
277	12.003	11.991	12.010	HH	241358	2691781	24.06%	0.243%
278	12.015	12.010	12.036	HH	240058	3689021	32.98%	0.333%
279	12.058	12.036	12.070	HH	237481	4627931	41.37%	0.417%
280	12.077	12.070	12.085	HH	238236	2113645	18.89%	0.191%
281	12.100	12.085	12.115	HH	241893	4425058	39.55%	0.399%
282	12.125	12.115	12.139	HH	241334	3329177	29.76%	0.300%
283	12.148	12.139	12.152	HH	239842	1881906	16.82%	0.170%
284	12.156	12.152	12.180	HH	240673	3988023	35.65%	0.360%
285	12.190	12.180	12.197	HH	232727	2340244	20.92%	0.211%
286	12.203	12.197	12.215	HH	229465	2456842	21.96%	0.222%
287	12.248	12.215	12.290	HH	296800	11187201	100.00%	1.009%
288	12.310	12.290	12.332	HH	246120	6114217	54.65%	0.551%
289	12.338	12.332	12.354	HH	235272	2917682	26.08%	0.263%
290	12.382	12.354	12.390	HH	238053	5092971	45.52%	0.459%
291	12.406	12.390	12.417	HH	236898	3740591	33.44%	0.337%
292	12.430	12.417	12.449	HH	237583	4429429	39.59%	0.399%
293	12.472	12.449	12.478	HH	224591	3783917	33.82%	0.341%
294	12.497	12.478	12.510	HH	237668	4518906	40.39%	0.407%
295	12.514	12.510	12.522	HH	226649	1609635	14.39%	0.145%
296	12.530	12.522	12.537	HH	222418	1952258	17.45%	0.176%
297	12.554	12.537	12.577	HH	229309	5412217	48.38%	0.488%
298	12.595	12.577	12.616	HH	233863	5350001	47.82%	0.482%
299	12.634	12.616	12.649	HH	227960	4465472	39.92%	0.403%

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300	12.654	12.649	12.670	HH	221872	2745367	24.54%	0.248%
301	12.711	12.670	12.740	HH	287584	9960299	89.03%	0.898%
302	12.752	12.740	12.795	HH	230083	7194396	64.31%	0.649%
303	12.802	12.795	12.820	HH	213550	3268110	29.21%	0.295%
304	12.831	12.820	12.835	HH	212112	1847343	16.51%	0.167%
305	12.839	12.835	12.846	HH	212065	1407146	12.58%	0.127%
306	12.854	12.846	12.859	HH	213281	1591083	14.22%	0.143%
307	12.871	12.859	12.883	HH	213799	3062833	27.38%	0.276%
308	12.912	12.883	12.940	HH	214106	7118930	63.63%	0.642%
309	12.965	12.940	12.987	HH	209550	5847933	52.27%	0.527%
310	13.011	12.987	13.031	HH	264461	6114441	54.66%	0.551%
311	13.038	13.031	13.051	HH	218173	2611908	23.35%	0.236%
312	13.062	13.051	13.085	HH	217670	4277080	38.23%	0.386%
313	13.097	13.085	13.103	HH	213226	2180997	19.50%	0.197%
314	13.119	13.103	13.148	HH	239316	5881240	52.57%	0.530%
315	13.152	13.148	13.167	HH	204144	2314305	20.69%	0.209%
316	13.192	13.167	13.225	HH	208159	7017017	62.72%	0.633%
317	13.231	13.225	13.249	HH	196854	2738858	24.48%	0.247%
318	13.259	13.249	13.271	HH	203635	2693859	24.08%	0.243%
319	13.296	13.271	13.320	HH	209624	5877594	52.54%	0.530%
320	13.327	13.320	13.352	HH	203197	3890057	34.77%	0.351%
321	13.362	13.352	13.388	HH	194184	4078947	36.46%	0.368%
322	13.405	13.388	13.411	HH	194640	2637111	23.57%	0.238%
323	13.424	13.411	13.443	HH	197739	3698260	33.06%	0.333%
324	13.476	13.443	13.498	HH	219089	6583729	58.85%	0.594%
325	13.506	13.498	13.527	HH	192374	3323153	29.70%	0.300%
326	13.533	13.527	13.538	HH	188129	1214207	10.85%	0.109%
327	13.546	13.538	13.563	HH	188475	2798606	25.02%	0.252%
328	13.570	13.563	13.585	HH	190758	2437192	21.79%	0.220%
329	13.598	13.585	13.620	HH	192296	3873024	34.62%	0.349%
330	13.633	13.620	13.650	HH	186275	3372420	30.15%	0.304%
331	13.658	13.650	13.671	HH	181481	2284638	20.42%	0.206%
332	13.676	13.671	13.680	HH	181892	870108	7.78%	0.078%
333	13.702	13.680	13.724	HH	185719	4820687	43.09%	0.435%
334	13.746	13.724	13.762	HH	183966	4178918	37.35%	0.377%
335	13.771	13.762	13.784	HH	176225	2299801	20.56%	0.207%
336	13.789	13.784	13.793	HH	174510	884878	7.91%	0.080%
337	13.795	13.793	13.802	HH	173726	982634	8.78%	0.089%
338	13.847	13.802	13.867	HH	178333	6752117	60.36%	0.609%
339	13.874	13.867	13.885	HH	174933	1838521	16.43%	0.166%
340	13.893	13.885	13.910	HH	173358	2507240	22.41%	0.226%
341	13.915	13.910	13.940	HH	173072	3088072	27.60%	0.278%
342	13.953	13.940	13.966	HH	167708	2537892	22.69%	0.229%
343	13.971	13.966	13.975	HH	167045	899353	8.04%	0.081%
344	13.987	13.975	14.002	HH	168238	2720482	24.32%	0.245%
345	14.007	14.002	14.016	HH	164948	1338942	11.97%	0.121%
346	14.019	14.016	14.025	HH	162246	935909	8.37%	0.084%
347	14.057	14.025	14.089	HH	176460	6324833	56.54%	0.570%
348	14.124	14.089	14.149	HH	164639	5714342	51.08%	0.515%
349	14.160	14.149	14.191	HH	158829	3910845	34.96%	0.353%
350	14.223	14.191	14.245	HH	160959	5044719	45.09%	0.455%
351	14.257	14.245	14.282	HH	154504	3433086	30.69%	0.310%

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352	14.291	14.282	14.303	HH	153398	1827425	16.33%	0.165%
353	14.307	14.303	14.327	HH	151326	2226180	19.90%	0.201%
354	14.345	14.327	14.367	HH	153397	3601474	32.19%	0.325%
355	14.379	14.367	14.385	HH	145612	1563728	13.98%	0.141%
356	14.391	14.385	14.416	HH	147222	2622561	23.44%	0.236%
357	14.427	14.416	14.446	HH	146437	2584791	23.10%	0.233%
358	14.463	14.446	14.476	HH	147313	2603195	23.27%	0.235%
359	14.481	14.476	14.486	HH	145204	916121	8.19%	0.083%
360	14.504	14.486	14.508	HH	147921	1951316	17.44%	0.176%
361	14.519	14.508	14.549	HH	151964	3539889	31.64%	0.319%
362	14.577	14.549	14.599	HH	143249	4197754	37.52%	0.378%
363	14.620	14.599	14.627	HH	137679	2292555	20.49%	0.207%
364	14.635	14.627	14.638	HH	137839	929095	8.30%	0.084%
365	14.649	14.638	14.670	HH	142121	2638791	23.59%	0.238%
366	14.676	14.670	14.701	HH	135955	2454099	21.94%	0.221%
367	14.725	14.701	14.757	HH	259835	6130063	54.80%	0.553%
368	14.766	14.757	14.774	HH	131486	1284126	11.48%	0.116%
369	14.780	14.774	14.800	HH	130835	2035594	18.20%	0.184%
370	14.822	14.800	14.842	HH	131484	3207677	28.67%	0.289%
371	14.847	14.842	14.851	HH	126056	660499	5.90%	0.060%
372	14.854	14.851	14.859	HH	126650	605290	5.41%	0.055%
373	14.885	14.859	14.904	HH	152399	3680241	32.90%	0.332%
374	14.926	14.904	14.952	HH	156847	3895050	34.82%	0.351%
375	14.973	14.952	14.982	HH	125589	2282153	20.40%	0.206%
376	14.988	14.982	14.996	HH	123591	978749	8.75%	0.088%
377	15.000	14.996	15.029	HH	123356	2435477	21.77%	0.220%
378	15.050	15.029	15.062	HH	126233	2377416	21.25%	0.214%
379	15.075	15.062	15.104	HH	126897	3096089	27.68%	0.279%
380	15.109	15.104	15.114	HH	115902	646716	5.78%	0.058%
381	15.137	15.114	15.150	HH	117004	2508169	22.42%	0.226%
382	15.186	15.150	15.209	HH	119161	4111673	36.75%	0.371%
383	15.214	15.209	15.220	HH	113275	711599	6.36%	0.064%
384	15.237	15.220	15.252	HH	114446	2186948	19.55%	0.197%
385	15.260	15.252	15.286	HH	114459	2311332	20.66%	0.208%
386	15.309	15.286	15.342	HH	156374	4317913	38.60%	0.389%
387	15.347	15.342	15.353	HH	111484	698511	6.24%	0.063%
388	15.372	15.353	15.404	HH	113073	3424348	30.61%	0.309%
389	15.424	15.404	15.429	HH	112073	1608136	14.37%	0.145%
390	15.441	15.429	15.459	HH	116107	2056829	18.39%	0.185%
391	15.467	15.459	15.495	HH	116624	2454175	21.94%	0.221%
392	15.500	15.495	15.513	HH	111359	1157463	10.35%	0.104%
393	15.530	15.513	15.551	HH	113045	2542059	22.72%	0.229%
394	15.558	15.551	15.580	HH	110538	1841772	16.46%	0.166%
395	15.599	15.580	15.627	HH	109709	3041814	27.19%	0.274%
396	15.635	15.627	15.644	HH	106399	1049921	9.39%	0.095%
397	15.650	15.644	15.670	HH	104646	1623803	14.51%	0.146%
398	15.693	15.670	15.699	HH	107997	1862665	16.65%	0.168%
399	15.709	15.699	15.714	HH	109296	944822	8.45%	0.085%
400	15.720	15.714	15.735	HH	109592	1388089	12.41%	0.125%
401	15.758	15.735	15.764	HH	110251	1883953	16.84%	0.170%
402	15.767	15.764	15.812	HH	109653	3082786	27.56%	0.278%
403	15.834	15.812	15.843	HH	107552	1940520	17.35%	0.175%
404	15.848	15.843	15.857	HH	105425	905266	8.09%	0.082%

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405	15.864	15.857	15.870	HH	103832	768023	6.87%	0.069%
406	15.878	15.870	15.886	HH	104423	993732	8.88%	0.090%
407	15.891	15.886	15.898	HH	102107	751485	6.72%	0.068%
408	15.921	15.898	15.927	HH	105543	1794371	16.04%	0.162%
409	15.948	15.927	15.969	HH	108567	2644620	23.64%	0.238%
410	15.988	15.969	16.028	HH	109639	3727811	33.32%	0.336%
411	16.053	16.028	16.079	HH	104316	3079133	27.52%	0.278%
412	16.084	16.079	16.091	HH	101296	721618	6.45%	0.065%
413	16.098	16.091	16.104	HH	103459	824363	7.37%	0.074%
414	16.115	16.104	16.124	HH	104702	1238936	11.07%	0.112%
415	16.163	16.124	16.209	HH	114009	5492852	49.10%	0.495%
416	16.257	16.209	16.276	HH	117173	4386343	39.21%	0.395%
417	16.281	16.276	16.291	HH	109402	974922	8.71%	0.088%
418	16.293	16.291	16.297	HH	108050	429851	3.84%	0.039%
419	16.321	16.297	16.369	HH	136481	5033591	44.99%	0.454%
420	16.376	16.369	16.384	HH	110439	958253	8.57%	0.086%
421	16.390	16.384	16.399	HH	108908	990578	8.85%	0.089%
422	16.407	16.399	16.412	HH	111759	881958	7.88%	0.080%
423	16.444	16.412	16.465	HH	142943	3969277	35.48%	0.358%
424	16.472	16.465	16.488	HH	119343	1572198	14.05%	0.142%
425	16.493	16.488	16.495	HH	111034	486252	4.35%	0.044%
426	16.515	16.495	16.551	HH	125551	3832216	34.26%	0.346%
427	16.575	16.551	16.593	HH	120355	2977001	26.61%	0.268%
428	16.599	16.593	16.605	HH	116606	810395	7.24%	0.073%
429	16.610	16.605	16.620	HH	116292	1006211	8.99%	0.091%
430	16.645	16.620	16.685	HH	118357	4503371	40.25%	0.406%
431	16.706	16.685	16.712	HH	115581	1860828	16.63%	0.168%
432	16.721	16.712	16.729	HH	115855	1173403	10.49%	0.106%
433	16.766	16.729	16.803	HH	139893	5450719	48.72%	0.491%
434	16.825	16.803	16.851	HH	139455	3513089	31.40%	0.317%
435	16.857	16.851	16.870	HH	117184	1334493	11.93%	0.120%
436	16.891	16.870	16.904	HH	124012	2465276	22.04%	0.222%
437	16.931	16.904	16.960	HH	139448	4338714	38.78%	0.391%
438	16.971	16.960	16.991	HH	123552	2194833	19.62%	0.198%
439	17.006	16.991	17.011	HH	119642	1432256	12.80%	0.129%
440	17.024	17.011	17.040	HH	121318	2132194	19.06%	0.192%
441	17.046	17.040	17.066	HH	120164	1789950	16.00%	0.161%
442	17.159	17.066	17.200	HH	140768	10122091	90.48%	0.913%
443	17.224	17.200	17.242	HH	129217	3149404	28.15%	0.284%
444	17.264	17.242	17.287	HH	133339	3481439	31.12%	0.314%
445	17.297	17.287	17.312	HH	125203	1828375	16.34%	0.165%
446	17.333	17.312	17.364	HH	146863	4125044	36.87%	0.372%
447	17.387	17.364	17.414	HH	123612	3638614	32.52%	0.328%
448	17.433	17.414	17.454	HH	127301	2948837	26.36%	0.266%
449	17.480	17.454	17.510	HH	139995	4349713	38.88%	0.392%
450	17.524	17.510	17.541	HH	123473	2230744	19.94%	0.201%
451	17.562	17.541	17.601	HH	126081	4391244	39.25%	0.396%
452	17.632	17.601	17.641	HH	123506	2899303	25.92%	0.261%
453	17.652	17.641	17.674	HH	125607	2412065	21.56%	0.217%
454	17.699	17.674	17.725	HH	133615	3912951	34.98%	0.353%
455	17.747	17.725	17.752	HH	128738	2072465	18.53%	0.187%
456	17.776	17.752	17.823	HH	135225	5449014	48.71%	0.491%

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457	17.849	17.823	17.854	HH	129978	2370276	21.19%	0.214%
458	17.869	17.854	17.896	HH	130598	3166587	28.31%	0.286%
459	17.919	17.896	17.926	HH	131963	2313637	20.68%	0.209%
460	17.947	17.926	17.963	HH	176858	3527372	31.53%	0.318%
461	17.972	17.963	18.011	HH	153617	4019251	35.93%	0.362%
462	18.042	18.011	18.047	HH	128063	2663286	23.81%	0.240%
463	18.053	18.047	18.076	HH	128200	2179618	19.48%	0.197%
464	18.103	18.076	18.109	HH	130338	2548989	22.78%	0.230%
465	18.144	18.109	18.169	HH	159593	5066172	45.29%	0.457%
466	18.198	18.169	18.221	HH	158812	4341500	38.81%	0.391%
467	18.226	18.221	18.230	HH	122808	709194	6.34%	0.064%
468	18.239	18.230	18.244	HH	124877	1011485	9.04%	0.091%
469	18.272	18.244	18.290	HH	136352	3645488	32.59%	0.329%
470	18.313	18.290	18.362	HH	215633	6729576	60.15%	0.607%
471	18.368	18.362	18.414	HH	127883	3851658	34.43%	0.347%
472	18.452	18.414	18.494	HH	143828	6342237	56.69%	0.572%
473	18.500	18.494	18.522	HH	126091	2102751	18.80%	0.190%
474	18.528	18.522	18.539	HH	124526	1236887	11.06%	0.112%
475	18.555	18.539	18.561	HH	125115	1630665	14.58%	0.147%
476	18.581	18.561	18.587	HH	130232	2004501	17.92%	0.181%
477	18.605	18.587	18.642	HH	134045	4225553	37.77%	0.381%
478	18.654	18.642	18.669	HH	125665	1998620	17.87%	0.180%
479	18.707	18.669	18.714	HH	135628	3535444	31.60%	0.319%
480	18.734	18.714	18.759	HH	155881	3765805	33.66%	0.340%
481	18.782	18.759	18.806	HH	154476	3896617	34.83%	0.351%
482	18.824	18.806	18.849	HH	134333	3376466	30.18%	0.304%
483	18.866	18.849	18.899	HH	135491	3950148	35.31%	0.356%
484	18.911	18.899	18.931	HH	135443	2493485	22.29%	0.225%
485	18.982	18.931	18.987	HH	145398	4672855	41.77%	0.421%
486	19.001	18.987	19.041	HH	145785	4470420	39.96%	0.403%
487	19.060	19.041	19.084	HH	146598	3553321	31.76%	0.320%
488	19.110	19.084	19.118	HH	142920	2821380	25.22%	0.254%
489	19.129	19.118	19.138	HH	143376	1656881	14.81%	0.149%
490	19.154	19.138	19.184	HH	146364	3878241	34.67%	0.350%
491	19.190	19.184	19.201	HH	129178	1258146	11.25%	0.113%
492	19.217	19.201	19.230	HH	130579	2304260	20.60%	0.208%
493	19.261	19.230	19.299	HH	141179	5439457	48.62%	0.490%
494	19.307	19.299	19.332	HH	128731	2543927	22.74%	0.229%
495	19.337	19.332	19.351	HH	125793	1393662	12.46%	0.126%
496	19.392	19.351	19.405	HH	131586	4163962	37.22%	0.375%
497	19.418	19.405	19.423	HH	132347	1434253	12.82%	0.129%
498	19.444	19.423	19.457	HH	136940	2753351	24.61%	0.248%
499	19.470	19.457	19.489	HH	141334	2603232	23.27%	0.235%
500	19.502	19.489	19.519	HH	134611	2335211	20.87%	0.211%
501	19.537	19.519	19.555	HH	133246	2827348	25.27%	0.255%
502	19.563	19.555	19.576	HH	129169	1626573	14.54%	0.147%
503	19.611	19.576	19.626	HH	137359	4008148	35.83%	0.361%
504	19.630	19.626	19.645	HH	132252	1462063	13.07%	0.132%
505	19.680	19.645	19.697	HH	139697	4289108	38.34%	0.387%
506	19.703	19.697	19.706	HH	135282	667778	5.97%	0.060%
507	19.713	19.706	19.723	HH	136780	1450688	12.97%	0.131%
508	19.767	19.723	19.816	HH	282589	9990004	89.30%	0.901%
509	19.822	19.816	19.855	HH	138511	3240958	28.97%	0.292%

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510	19.866	19.855	19.873	HH	133105	1348152	12.05%	0.122%
511	19.901	19.873	19.937	HH	154346	5563583	49.73%	0.502%
512	19.943	19.937	19.965	HH	138484	2269287	20.28%	0.205%
513	19.984	19.965	20.004	HH	142269	3217251	28.76%	0.290%
514	20.015	20.004	20.022	HH	136348	1446856	12.93%	0.130%
515	20.026	20.022	20.037	HH	136765	1247867	11.15%	0.113%
516	20.047	20.037	20.053	HH	137639	1282311	11.46%	0.116%
517	20.060	20.053	20.109	HH	138641	4566514	40.82%	0.412%
518	20.131	20.109	20.150	HH	137261	3323306	29.71%	0.300%
519	20.180	20.150	20.187	HH	139116	3122747	27.91%	0.282%
520	20.193	20.187	20.198	HH	138989	839669	7.51%	0.076%
521	20.218	20.198	20.236	HH	142671	3275177	29.28%	0.295%
522	20.243	20.236	20.258	HH	138432	1772869	15.85%	0.160%
523	20.262	20.258	20.267	HH	137255	782919	7.00%	0.071%
524	20.298	20.267	20.332	HH	141989	5339814	47.73%	0.481%
525	20.336	20.332	20.358	HH	137064	2168742	19.39%	0.196%
526	20.371	20.358	20.377	HH	136999	1520784	13.59%	0.137%
527	20.384	20.377	20.401	HH	137608	1938118	17.32%	0.175%
528	20.405	20.401	20.412	HH	136003	951191	8.50%	0.086%
529	20.416	20.412	20.427	HH	136457	1186571	10.61%	0.107%
530	20.451	20.427	20.464	HH	138609	3051047	27.27%	0.275%
531	20.474	20.464	20.479	HH	138345	1205029	10.77%	0.109%
532	20.485	20.479	20.497	HH	139714	1540139	13.77%	0.139%
533	20.504	20.497	20.517	HH	137374	1630391	14.57%	0.147%
534	20.520	20.517	20.548	HH	134863	2460945	22.00%	0.222%
535	20.556	20.548	20.576	HH	132105	2150756	19.23%	0.194%
536	20.613	20.576	20.619	HH	132008	3407633	30.46%	0.307%
537	20.626	20.619	20.646	HH	131451	2053765	18.36%	0.185%
538	20.687	20.646	20.741	HH	139482	7613926	68.06%	0.687%
539	20.746	20.741	20.763	HH	129267	1684821	15.06%	0.152%
540	20.772	20.763	20.790	HH	128245	2015376	18.02%	0.182%
541	20.794	20.790	20.825	HH	126181	2679114	23.95%	0.242%
542	20.835	20.825	20.879	HH	124722	3970964	35.50%	0.358%
543	20.884	20.879	20.895	HH	120175	1122672	10.04%	0.101%
544	20.900	20.895	20.909	HH	117932	1005946	8.99%	0.091%
545	20.916	20.909	20.934	HH	118980	1766742	15.79%	0.159%
546	20.948	20.934	20.956	HH	118978	1539976	13.77%	0.139%
547	20.976	20.956	20.990	HH	119394	2449407	21.89%	0.221%
548	21.006	20.990	21.012	HH	120374	1604770	14.34%	0.145%
549	21.020	21.012	21.034	HH	120729	1559422	13.94%	0.141%
550	21.039	21.034	21.083	HH	120216	3493254	31.23%	0.315%
551	21.093	21.083	21.150	HH	116603	4541162	40.59%	0.409%
552	21.153	21.150	21.160	HH	111930	659844	5.90%	0.059%
553	21.163	21.160	21.197	HH	111647	2468350	22.06%	0.223%
554	21.210	21.197	21.225	HH	111821	1885193	16.85%	0.170%
555	21.231	21.225	21.244	HH	111111	1272055	11.37%	0.115%
556	21.251	21.244	21.257	HH	110614	862155	7.71%	0.078%
557	21.296	21.257	21.325	HH	112820	4500022	40.22%	0.406%
558	21.331	21.325	21.342	HH	111970	1185800	10.60%	0.107%
559	21.365	21.342	21.384	HH	113131	2795356	24.99%	0.252%
560	21.392	21.384	21.395	HH	113373	791986	7.08%	0.071%
561	21.399	21.395	21.461	HH	113441	4303000	38.46%	0.388%

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562	21.467	21.461	21.522	HH	107360	3883012	34.71%	0.350%	
563	21.527	21.522	21.539	HH	102667	1014524	9.07%	0.091%	
564	21.544	21.539	21.556	HH	102344	1025267	9.16%	0.092%	
565	21.561	21.556	21.564	HH	102020	517581	4.63%	0.047%	
566	21.585	21.564	21.603	HH	102786	2387170	21.34%	0.215%	
567	21.609	21.603	21.622	HH	102119	1171573	10.47%	0.106%	
568	21.626	21.622	21.662	HH	102315	2392282	21.38%	0.216%	
569	21.667	21.662	21.674	HH	100450	735085	6.57%	0.066%	
570	21.717	21.674	21.743	HH	104846	4271838	38.19%	0.385%	
571	21.787	21.743	21.851	HHA	104847	6600758	59.00%	0.595%	
					Sum of corrected areas:				1109083301

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