

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060321\
 Data File : FE033868.D
 Signal(s) : FID1B.CH
 Acq On : 03 Jun 2021 13:07
 Sample : M2580-03 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

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

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.417	2.373	2.446	BH	965	-1924	-0.01%	-0.000%
2	2.451	2.446	2.504	PH	-703	-37650	-0.21%	-0.005%
3	2.511	2.504	2.574	PH	-1436	-78285	-0.45%	-0.011%
4	2.585	2.574	2.617	PH	-2097	-58226	-0.33%	-0.008%
5	2.637	2.617	2.655	PH	-1615	-50784	-0.29%	-0.007%
6	2.682	2.655	2.721	PH	-1347	-92239	-0.53%	-0.013%
7	2.734	2.721	2.749	PH	-1419	-40945	-0.23%	-0.006%
8	2.759	2.749	2.789	PH	-2481	-73459	-0.42%	-0.010%
9	2.798	2.789	2.821	PH	-3356	-68005	-0.39%	-0.009%
10	2.824	2.821	2.836	PH	-3675	-35460	-0.20%	-0.005%
11	2.862	2.836	2.907	PH	9316	-54387	-0.31%	-0.008%
12	2.914	2.907	2.929	PH	-4149	-56281	-0.32%	-0.008%
13	2.949	2.929	3.004	PH	7859	-44485	-0.25%	-0.006%
14	3.010	3.004	3.027	PH	-3704	-54757	-0.31%	-0.008%
15	3.046	3.027	3.067	PH	-3303	-92119	-0.53%	-0.013%
16	3.074	3.067	3.089	PH	-4309	-58755	-0.33%	-0.008%
17	3.123	3.089	3.154	PH	14893	-4721	-0.03%	-0.001%
18	3.169	3.154	3.192	PH	1039	-56748	-0.32%	-0.008%
19	3.198	3.192	3.213	PH	-4516	-57427	-0.33%	-0.008%
20	3.236	3.213	3.248	PH	-2184	-76656	-0.44%	-0.011%
21	3.259	3.248	3.288	PH	-3435	-108007	-0.62%	-0.015%
22	3.292	3.288	3.299	PH	-5323	-36171	-0.21%	-0.005%
23	3.304	3.299	3.336	PH	-5324	-124945	-0.71%	-0.017%
24	3.356	3.336	3.371	PH	-4918	-114288	-0.65%	-0.016%
25	3.406	3.371	3.418	PH	377	-102954	-0.59%	-0.014%
26	3.428	3.418	3.443	PH	-1926	-51598	-0.29%	-0.007%
27	3.451	3.443	3.484	PH	-4713	-142260	-0.81%	-0.020%
28	3.509	3.484	3.520	PH	-3108	-120138	-0.68%	-0.017%
29	3.532	3.520	3.546	PH	-3886	-75152	-0.43%	-0.010%
30	3.556	3.546	3.570	PH	-5138	-86507	-0.49%	-0.012%
31	3.584	3.570	3.591	PH	-5114	-69841	-0.40%	-0.010%

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32	3.600	3.591	3.634	PH	-4430	-144118	-0.82%	-0.020%
33	3.647	3.634	3.654	PH	-5973	-79415	-0.45%	-0.011%
34	3.672	3.654	3.689	PH	-899	-67025	-0.38%	-0.009%
35	3.704	3.689	3.726	PH	23528	124177	0.71%	0.017%
36	3.730	3.726	3.743	PH	-4495	-50829	-0.29%	-0.007%
37	3.773	3.743	3.797	PH	1332	-104576	-0.60%	-0.014%
38	3.810	3.797	3.820	PH	-2712	-48169	-0.27%	-0.007%
39	3.843	3.820	3.860	PH	1617	-36728	-0.21%	-0.005%
40	3.868	3.860	3.880	PH	-4431	-65689	-0.37%	-0.009%
41	3.896	3.880	3.927	PH	-621	-119035	-0.68%	-0.016%
42	3.943	3.927	3.960	PH	1884	-64777	-0.37%	-0.009%
43	3.982	3.960	4.008	PH	825	-87014	-0.50%	-0.012%
44	4.015	4.008	4.032	PH	-4589	-80161	-0.46%	-0.011%
45	4.064	4.032	4.081	PH	2325	-76687	-0.44%	-0.011%
46	4.093	4.081	4.105	PH	-173	-28305	-0.16%	-0.004%
47	4.119	4.105	4.145	PH	-309	-35758	-0.20%	-0.005%
48	4.158	4.145	4.181	PH	1810	-54945	-0.31%	-0.008%
49	4.208	4.181	4.213	PH	-4797	-110489	-0.63%	-0.015%
50	4.232	4.213	4.255	PH	16539	95956	0.55%	0.013%
51	4.269	4.255	4.294	PH	1247	-51118	-0.29%	-0.007%
52	4.307	4.294	4.320	PH	-2634	-58700	-0.33%	-0.008%
53	4.325	4.320	4.346	PH	-4693	-92300	-0.53%	-0.013%
54	4.378	4.346	4.397	PH	-1237	-136805	-0.78%	-0.019%
55	4.417	4.397	4.438	PH	-2096	-91059	-0.52%	-0.013%
56	4.458	4.438	4.476	PH	16770	96738	0.55%	0.013%
57	4.484	4.476	4.495	PH	-1077	-27175	-0.15%	-0.004%
58	4.506	4.495	4.518	PH	-1083	-39870	-0.23%	-0.006%
59	4.532	4.518	4.550	PH	-1137	-62237	-0.35%	-0.009%
60	4.566	4.550	4.591	PH	-1324	-99524	-0.57%	-0.014%
61	4.611	4.591	4.644	PH	20342	97081	0.55%	0.013%
62	4.661	4.644	4.673	PH	7887	47159	0.27%	0.007%
63	4.679	4.673	4.695	HH	1875	3360	0.02%	0.000%
64	4.710	4.695	4.727	PH	12484	65712	0.37%	0.009%
65	4.742	4.727	4.755	PH	4259	4538	0.03%	0.001%
66	4.763	4.755	4.777	PH	-551	-21320	-0.12%	-0.003%
67	4.789	4.777	4.801	PH	4	-25140	-0.14%	-0.003%
68	4.811	4.801	4.817	PH	-1948	-23450	-0.13%	-0.003%
69	4.833	4.817	4.851	PH	1215	-15052	-0.09%	-0.002%
70	4.868	4.851	4.895	PH	6754	14049	0.08%	0.002%
71	4.911	4.895	4.917	PH	-1815	-37874	-0.22%	-0.005%
72	4.933	4.917	4.956	PH	4794	-15375	-0.09%	-0.002%
73	4.980	4.956	4.994	PH	-2478	-82473	-0.47%	-0.011%
74	5.008	4.994	5.032	PH	-2391	-70711	-0.40%	-0.010%
75	5.042	5.032	5.047	PH	-3904	-37765	-0.22%	-0.005%
76	5.062	5.047	5.075	PH	790	-27994	-0.16%	-0.004%
77	5.094	5.075	5.119	PH	3451	-10858	-0.06%	-0.001%
78	5.135	5.119	5.163	PH	4469	12496	0.07%	0.002%
79	5.177	5.163	5.184	PH	2677	2716	0.02%	0.000%

80	5.195	5.184	5.216	HH	rteres 4670	15526	0.09%	0.002%
81	5.226	5.216	5.241	PH	-2751	-53459	-0.30%	-0.007%
82	5.261	5.241	5.273	PH	-2777	-72008	-0.41%	-0.010%
83	5.293	5.273	5.324	PH	345	-63001	-0.36%	-0.009%
84	5.355	5.324	5.369	PH	-1759	-73108	-0.42%	-0.010%
85	5.384	5.369	5.400	PH	2014	-18752	-0.11%	-0.003%
86	5.414	5.400	5.432	PH	-2496	-62891	-0.36%	-0.009%
87	5.442	5.432	5.465	PH	-3240	-82904	-0.47%	-0.011%
88	5.489	5.465	5.510	PH	26377	197355	1.13%	0.027%
89	5.525	5.510	5.545	PH	1611	-24339	-0.14%	-0.003%
90	5.560	5.545	5.574	PH	-2642	-68574	-0.39%	-0.009%
91	5.580	5.574	5.595	PH	-4422	-59778	-0.34%	-0.008%
92	5.611	5.595	5.619	PH	-4005	-66912	-0.38%	-0.009%
93	5.627	5.619	5.638	PH	-4209	-48522	-0.28%	-0.007%
94	5.656	5.638	5.664	PH	524	-25677	-0.15%	-0.004%
95	5.679	5.664	5.698	PH	5924	23518	0.13%	0.003%
96	5.704	5.698	5.715	PH	-3926	-41124	-0.23%	-0.006%
97	5.733	5.715	5.745	PH	-2883	-67672	-0.39%	-0.009%
98	5.774	5.745	5.813	PH	5659	-4615	-0.03%	-0.001%
99	5.831	5.813	5.850	PH	528	-56015	-0.32%	-0.008%
100	5.864	5.850	5.878	PH	-3529	-71250	-0.41%	-0.010%
101	5.899	5.878	5.924	PH	-3156	-123707	-0.71%	-0.017%
102	5.943	5.924	5.970	PH	-1574	-109943	-0.63%	-0.015%
103	6.001	5.970	6.019	PH	-2681	-110533	-0.63%	-0.015%
104	6.043	6.019	6.074	PH	252906	2326630	13.26%	0.321%
105	6.089	6.074	6.110	PH	4873	-2136	-0.01%	-0.000%
106	6.129	6.110	6.156	PH	-1815	-98956	-0.56%	-0.014%
107	6.186	6.156	6.204	PH	-104	-74820	-0.43%	-0.010%
108	6.221	6.204	6.234	PH	-1420	-49843	-0.28%	-0.007%
109	6.252	6.234	6.269	PH	-1435	-51943	-0.30%	-0.007%
110	6.275	6.269	6.300	PH	-3143	-70950	-0.40%	-0.010%
111	6.313	6.300	6.331	PH	-3637	-77297	-0.44%	-0.011%
112	6.350	6.331	6.370	PH	-3987	-113070	-0.64%	-0.016%
113	6.398	6.370	6.441	PH	-3758	-215736	-1.23%	-0.030%
114	6.469	6.441	6.523	PH	5973	-146406	-0.83%	-0.020%
115	6.533	6.523	6.542	PH	-6029	-70593	-0.40%	-0.010%
116	6.561	6.542	6.572	PH	-5573	-106926	-0.61%	-0.015%
117	6.587	6.572	6.596	PH	-4442	-71062	-0.41%	-0.010%
118	6.617	6.596	6.641	PH	238	-82983	-0.47%	-0.011%
119	6.663	6.641	6.684	PH	-4095	-123100	-0.70%	-0.017%
120	6.689	6.684	6.709	PH	-5633	-91766	-0.52%	-0.013%
121	6.752	6.709	6.768	PH	-4077	-192980	-1.10%	-0.027%
122	6.789	6.768	6.818	PH	-2026	-125746	-0.72%	-0.017%
123	6.826	6.818	6.840	PH	-5246	-70275	-0.40%	-0.010%
124	6.873	6.840	6.893	PH	-2501	-139998	-0.80%	-0.019%
125	6.899	6.893	6.921	PH	-5243	-91732	-0.52%	-0.013%
126	6.938	6.921	6.953	PH	-4832	-99005	-0.56%	-0.014%

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127	7.004	6.953	7.016	PH	-2289	-140904	-0.80%	-0.019%
128	7.031	7.016	7.057	PH	-2654	-96527	-0.55%	-0.013%
129	7.098	7.057	7.155	PH	142594	1218876	6.95%	0.168%
130	7.172	7.155	7.210	PH	623	-65654	-0.37%	-0.009%
131	7.233	7.210	7.262	PH	81885	699551	3.99%	0.097%
132	7.273	7.262	7.334	PH	-3575	-194349	-1.11%	-0.027%
133	7.393	7.334	7.424	PH	3447	-163137	-0.93%	-0.023%
134	7.456	7.424	7.478	PH	-4177	-143272	-0.82%	-0.020%
135	7.483	7.478	7.503	PH	-4301	-70623	-0.40%	-0.010%
136	7.522	7.503	7.541	PH	-4957	-116207	-0.66%	-0.016%
137	7.570	7.541	7.606	PH	-1898	-143501	-0.82%	-0.020%
138	7.623	7.606	7.643	PH	-4202	-100307	-0.57%	-0.014%
139	7.653	7.643	7.657	PH	-5020	-44904	-0.26%	-0.006%
140	7.691	7.657	7.698	PH	-4118	-113211	-0.65%	-0.016%
141	7.711	7.698	7.716	PH	-3897	-43074	-0.25%	-0.006%
142	7.732	7.716	7.751	PH	-2930	-75206	-0.43%	-0.010%
143	7.757	7.751	7.774	PH	-4185	-63550	-0.36%	-0.009%
144	7.787	7.774	7.797	PH	-4412	-63491	-0.36%	-0.009%
145	7.822	7.797	7.863	PH	22047	128554	0.73%	0.018%
146	7.871	7.863	7.890	PH	-2835	-56737	-0.32%	-0.008%
147	7.917	7.890	7.938	PH	-2522	-101133	-0.58%	-0.014%
148	7.979	7.938	8.041	PH	10374	-1386	-0.01%	-0.000%
149	8.087	8.041	8.131	PH	24340	353240	2.01%	0.049%
150	8.148	8.131	8.162	PH	-2290	-44967	-0.26%	-0.006%
151	8.196	8.162	8.211	PH	44397	431193	2.46%	0.059%
152	8.224	8.211	8.245	HH	28340	287087	1.64%	0.040%
153	8.263	8.245	8.294	HH	9070	82983	0.47%	0.011%
154	8.359	8.294	8.366	PH	13477	154848	0.88%	0.021%
155	8.379	8.366	8.415	HH	18300	211123	1.20%	0.029%
156	8.432	8.415	8.449	PH	556	-13639	-0.08%	-0.002%
157	8.470	8.449	8.504	PH	7442	40335	0.23%	0.006%
158	8.515	8.504	8.531	PH	-954	-27075	-0.15%	-0.004%
159	8.552	8.531	8.576	PH	-1833	-61943	-0.35%	-0.009%
160	8.592	8.576	8.603	PH	-2363	-43897	-0.25%	-0.006%
161	8.627	8.603	8.649	PH	3575	5857	0.03%	0.001%
162	8.676	8.649	8.701	PH	199435	1967711	11.22%	0.271%
163	8.720	8.701	8.746	HH	13995	142954	0.81%	0.020%
164	8.755	8.746	8.764	PH	-390	-5955	-0.03%	-0.001%
165	8.798	8.764	8.825	PH	12287	154988	0.88%	0.021%
166	8.846	8.825	8.873	PH	709	-7851	-0.04%	-0.001%
167	8.916	8.873	8.929	PH	16166	162351	0.93%	0.022%
168	8.949	8.929	8.975	HH	128823	1293268	7.37%	0.178%
169	8.986	8.975	9.000	HH	3082	32727	0.19%	0.005%
170	9.014	9.000	9.024	HH	2621	28045	0.16%	0.004%
171	9.038	9.024	9.058	HH	4294	46850	0.27%	0.006%
172	9.086	9.058	9.106	HH	19027	212258	1.21%	0.029%
173	9.126	9.106	9.159	HH	11200	138008	0.79%	0.019%
174	9.171	9.159	9.198	HH	644	1661	0.01%	0.000%

175	9.241	9.198	9.258	PH	rteres 9566	82964	0.47%	0.011%
176	9.274	9.258	9.303	PH	8217	76918	0.44%	0.011%
177	9.326	9.303	9.341	PH	2573	21680	0.12%	0.003%
178	9.378	9.341	9.401	HH	10475	141186	0.80%	0.019%
179	9.418	9.401	9.433	PH	2580	22100	0.13%	0.003%
180	9.462	9.433	9.514	HH	227980	2463474	14.04%	0.340%
181	9.540	9.514	9.568	HH	16141	262635	1.50%	0.036%
182	9.582	9.568	9.594	HH	10126	113303	0.65%	0.016%
183	9.613	9.594	9.631	HH	27566	358984	2.05%	0.050%
184	9.638	9.631	9.654	HH	10254	104041	0.59%	0.014%
185	9.673	9.654	9.694	HH	18068	238734	1.36%	0.033%
186	9.701	9.694	9.718	HH	3783	47394	0.27%	0.007%
187	9.723	9.718	9.758	HH	2664	51940	0.30%	0.007%
188	9.782	9.758	9.807	HH	30713	368537	2.10%	0.051%
189	9.829	9.807	9.847	HH	6803	134853	0.77%	0.019%
190	9.883	9.847	9.919	HH	40693	706951	4.03%	0.098%
191	9.946	9.919	9.962	HH	8328	135965	0.78%	0.019%
192	9.975	9.962	10.003	HH	5914	94427	0.54%	0.013%
193	10.046	10.003	10.068	HH	4973	141311	0.81%	0.019%
194	10.077	10.068	10.123	HH	3645	88155	0.50%	0.012%
195	10.146	10.123	10.168	HH	5703	90774	0.52%	0.013%
196	10.206	10.168	10.229	HH	6626	147886	0.84%	0.020%
197	10.256	10.229	10.285	HH	22104	363486	2.07%	0.050%
198	10.315	10.285	10.324	HH	12184	197887	1.13%	0.027%
199	10.344	10.324	10.368	HH	33980	499478	2.85%	0.069%
200	10.384	10.368	10.426	HH	19209	325494	1.86%	0.045%
201	10.461	10.426	10.495	HH	22254	429449	2.45%	0.059%
202	10.519	10.495	10.529	HH	12459	215348	1.23%	0.030%
203	10.534	10.529	10.571	HH	11525	207964	1.19%	0.029%
204	10.605	10.571	10.619	HH	18602	333664	1.90%	0.046%
205	10.632	10.619	10.643	HH	17347	215286	1.23%	0.030%
206	10.670	10.643	10.708	HH	66790	1285090	7.33%	0.177%
207	10.714	10.708	10.750	HH	11113	238994	1.36%	0.033%
208	10.769	10.750	10.788	HH	13798	234137	1.33%	0.032%
209	10.802	10.788	10.816	HH	8099	125053	0.71%	0.017%
210	10.837	10.816	10.843	HH	16467	199965	1.14%	0.028%
211	10.877	10.843	10.919	HH	890886	10623790	60.56%	1.466%
212	10.945	10.919	10.967	HH	258576	2870713	16.37%	0.396%
213	10.975	10.967	11.011	HH	18473	376888	2.15%	0.052%
214	11.021	11.011	11.033	HH	10324	128404	0.73%	0.018%
215	11.039	11.033	11.065	HH	9261	162325	0.93%	0.022%
216	11.080	11.065	11.099	HH	9500	162672	0.93%	0.022%
217	11.117	11.099	11.134	HH	11912	199429	1.14%	0.028%
218	11.160	11.134	11.198	HH	109317	1433954	8.17%	0.198%
219	11.229	11.198	11.245	HH	10429	259555	1.48%	0.036%
220	11.264	11.245	11.281	HH	12642	237571	1.35%	0.033%
221	11.307	11.281	11.327	HH	20505	393009	2.24%	0.054%

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222	11.362	11.327	11.374	HH	15144	331874	1.89%	0.046%
223	11.399	11.374	11.427	HH	43551	800121	4.56%	0.110%
224	11.439	11.427	11.446	HH	11259	124651	0.71%	0.017%
225	11.464	11.446	11.488	HH	15444	305495	1.74%	0.042%
226	11.518	11.488	11.542	HH	18829	417304	2.38%	0.058%
227	11.561	11.542	11.578	HH	11913	233560	1.33%	0.032%
228	11.594	11.578	11.608	HH	11521	189132	1.08%	0.026%
229	11.625	11.608	11.639	HH	12838	216156	1.23%	0.030%
230	11.671	11.639	11.686	HH	77221	1052618	6.00%	0.145%
231	11.702	11.686	11.735	HH	98641	1312230	7.48%	0.181%
232	11.786	11.735	11.805	HH	130563	2073625	11.82%	0.286%
233	11.819	11.805	11.833	HH	44898	559666	3.19%	0.077%
234	11.850	11.833	11.882	HH	62354	950639	5.42%	0.131%
235	11.901	11.882	11.912	HH	15624	242833	1.38%	0.034%
236	11.938	11.912	11.951	HH	19451	383833	2.19%	0.053%
237	11.978	11.951	11.993	HH	21739	483621	2.76%	0.067%
238	12.001	11.993	12.020	HH	18874	259441	1.48%	0.036%
239	12.036	12.020	12.052	HH	18345	305132	1.74%	0.042%
240	12.060	12.052	12.098	HH	15138	393514	2.24%	0.054%
241	12.108	12.098	12.122	HH	13789	192371	1.10%	0.027%
242	12.147	12.122	12.169	HH	57377	850985	4.85%	0.117%
243	12.185	12.169	12.196	HH	17173	260883	1.49%	0.036%
244	12.235	12.196	12.241	HH	24471	521906	2.98%	0.072%
245	12.254	12.241	12.279	HH	28961	530573	3.02%	0.073%
246	12.291	12.279	12.307	HH	19677	295466	1.68%	0.041%
247	12.325	12.307	12.338	HH	16561	284613	1.62%	0.039%
248	12.351	12.338	12.364	HH	15595	240394	1.37%	0.033%
249	12.392	12.364	12.404	HH	19406	412694	2.35%	0.057%
250	12.416	12.404	12.431	HH	19630	287473	1.64%	0.040%
251	12.462	12.431	12.475	HH	26884	526570	3.00%	0.073%
252	12.479	12.475	12.500	HH	22889	283045	1.61%	0.039%
253	12.562	12.500	12.594	HH	76750	1928529	10.99%	0.266%
254	12.619	12.594	12.660	HH	34560	1055548	6.02%	0.146%
255	12.702	12.660	12.734	HH	778460	10084595	57.49%	1.391%
256	12.755	12.734	12.772	HH	21542	429716	2.45%	0.059%
257	12.786	12.772	12.804	HH	18354	324716	1.85%	0.045%
258	12.825	12.804	12.832	HH	21031	320418	1.83%	0.044%
259	12.848	12.832	12.860	HH	27211	402698	2.30%	0.056%
260	12.876	12.860	12.894	HH	39946	630289	3.59%	0.087%
261	12.905	12.894	12.962	HH	25235	858464	4.89%	0.118%
262	12.998	12.962	13.030	HH	589799	8005822	45.64%	1.104%
263	13.045	13.030	13.061	HH	97462	1235376	7.04%	0.170%
264	13.076	13.061	13.110	HH	86883	1448266	8.26%	0.200%
265	13.120	13.110	13.140	HH	22172	380595	2.17%	0.053%
266	13.161	13.140	13.178	HH	38728	645966	3.68%	0.089%
267	13.195	13.178	13.215	HH	31855	612261	3.49%	0.084%
268	13.233	13.215	13.237	HH	29988	337604	1.92%	0.047%
269	13.256	13.237	13.273	HH	52893	864825	4.93%	0.119%

270	13.284	13.273	13.303	HH	rteres 32246	508761	2.90%	0.070%
271	13.334	13.303	13.361	HH	38570	944318	5.38%	0.130%
272	13.386	13.361	13.423	HH	40042	1046237	5.96%	0.144%
273	13.449	13.423	13.502	HH	57535	1601571	9.13%	0.221%
274	13.509	13.502	13.526	HH	23230	333960	1.90%	0.046%
275	13.579	13.526	13.619	HH	130882	2816166	16.05%	0.389%
276	13.646	13.619	13.660	HH	32313	697300	3.98%	0.096%
277	13.689	13.660	13.711	HH	258526	3626461	20.67%	0.500%
278	13.727	13.711	13.750	HH	62182	1050808	5.99%	0.145%
279	13.767	13.750	13.791	HH	43460	851307	4.85%	0.117%
280	13.819	13.791	13.841	HH	50445	1213887	6.92%	0.167%
281	13.856	13.841	13.878	HH	56427	1009758	5.76%	0.139%
282	13.897	13.878	13.938	HH	54429	1267005	7.22%	0.175%
283	13.971	13.938	13.991	HH	32582	923646	5.27%	0.127%
284	14.020	13.991	14.025	HH	29070	576801	3.29%	0.080%
285	14.053	14.025	14.074	HH	34485	944108	5.38%	0.130%
286	14.107	14.074	14.127	HH	31635	950320	5.42%	0.131%
287	14.154	14.127	14.169	HH	31076	736607	4.20%	0.102%
288	14.185	14.169	14.200	HH	30545	554065	3.16%	0.076%
289	14.212	14.200	14.230	HH	29765	524436	2.99%	0.072%
290	14.290	14.230	14.307	HH	56488	1914166	10.91%	0.264%
291	14.316	14.307	14.349	HH	44844	942522	5.37%	0.130%
292	14.384	14.349	14.406	HH	55616	1399800	7.98%	0.193%
293	14.416	14.406	14.446	HH	39827	882348	5.03%	0.122%
294	14.451	14.446	14.464	HH	33644	355713	2.03%	0.049%
295	14.494	14.464	14.532	HH	71650	1964634	11.20%	0.271%
296	14.555	14.532	14.581	HH	97833	1843467	10.51%	0.254%
297	14.600	14.581	14.609	HH	51474	801531	4.57%	0.111%
298	14.621	14.609	14.655	HH	53819	1212446	6.91%	0.167%
299	14.681	14.655	14.693	HH	40870	872202	4.97%	0.120%
300	14.721	14.693	14.726	HH	46674	889957	5.07%	0.123%
301	14.740	14.726	14.799	HH	49767	1751385	9.98%	0.242%
302	14.826	14.799	14.841	HH	47688	1041854	5.94%	0.144%
303	14.874	14.841	14.894	HH	322609	5068005	28.89%	0.699%
304	14.917	14.894	14.948	HH	319983	4787470	27.29%	0.660%
305	14.958	14.948	14.979	HH	41474	758364	4.32%	0.105%
306	14.992	14.979	15.004	HH	40134	592815	3.38%	0.082%
307	15.034	15.004	15.088	HH	105396	2901036	16.54%	0.400%
308	15.116	15.088	15.145	HH	58691	1598139	9.11%	0.220%
309	15.176	15.145	15.197	HH	68554	1568362	8.94%	0.216%
310	15.213	15.197	15.234	HH	54059	1115690	6.36%	0.154%
311	15.241	15.234	15.280	HH	47150	1171175	6.68%	0.162%
312	15.314	15.280	15.337	HH	52166	1571913	8.96%	0.217%
313	15.356	15.337	15.388	HH	51227	1351828	7.71%	0.186%
314	15.463	15.388	15.487	HH	92035	3516355	20.05%	0.485%
315	15.499	15.487	15.514	HH	51726	810145	4.62%	0.112%
316	15.545	15.514	15.564	HH	84571	1863326	10.62%	0.257%

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317	15.582	15.564	15.608	HH	63323	1422078	8.11%	0.196%
318	15.628	15.608	15.657	HH	58880	1513757	8.63%	0.209%
319	15.704	15.657	15.746	HH	79138	3211568	18.31%	0.443%
320	15.780	15.746	15.803	HH	62002	1845016	10.52%	0.255%
321	15.821	15.803	15.847	HH	50076	1293269	7.37%	0.178%
322	15.867	15.847	15.890	HH	56229	1352451	7.71%	0.187%
323	15.911	15.890	15.923	HH	55779	1015740	5.79%	0.140%
324	15.947	15.923	16.011	HH	77302	3155793	17.99%	0.435%
325	16.014	16.011	16.026	HH	50774	452715	2.58%	0.062%
326	16.043	16.026	16.060	HH	53374	1065272	6.07%	0.147%
327	16.073	16.060	16.091	HH	52197	955345	5.45%	0.132%
328	16.140	16.091	16.157	HH	59101	2153947	12.28%	0.297%
329	16.163	16.157	16.197	HH	57039	1355717	7.73%	0.187%
330	16.219	16.197	16.239	HH	63121	1450686	8.27%	0.200%
331	16.253	16.239	16.299	HH	59419	2063814	11.77%	0.285%
332	16.340	16.299	16.388	HH	64859	3216595	18.34%	0.444%
333	16.439	16.388	16.455	HH	294937	5699452	32.49%	0.786%
334	16.464	16.455	16.499	HH	161721	2588896	14.76%	0.357%
335	16.507	16.499	16.525	HH	57018	888699	5.07%	0.123%
336	16.564	16.525	16.586	HH	100424	2629867	14.99%	0.363%
337	16.600	16.586	16.617	HH	66426	1200034	6.84%	0.166%
338	16.623	16.617	16.636	HH	62610	714170	4.07%	0.099%
339	16.653	16.636	16.668	HH	63433	1173416	6.69%	0.162%
340	16.686	16.668	16.698	HH	67988	1203692	6.86%	0.166%
341	16.759	16.698	16.787	HH	200278	5493845	31.32%	0.758%
342	16.819	16.787	16.858	HH	252574	5181672	29.54%	0.715%
343	16.916	16.858	16.945	HH	120744	4552118	25.95%	0.628%
344	16.966	16.945	16.987	HH	79230	1871625	10.67%	0.258%
345	17.023	16.987	17.030	HH	75854	1880806	10.72%	0.259%
346	17.059	17.030	17.101	HH	82098	3319616	18.92%	0.458%
347	17.120	17.101	17.133	HH	78260	1450343	8.27%	0.200%
348	17.179	17.133	17.208	HH	95827	3891959	22.19%	0.537%
349	17.218	17.208	17.251	HH	87831	2123860	12.11%	0.293%
350	17.277	17.251	17.287	HH	83532	1747501	9.96%	0.241%
351	17.317	17.287	17.323	HH	91513	1885894	10.75%	0.260%
352	17.347	17.323	17.374	HH	110947	2963079	16.89%	0.409%
353	17.399	17.374	17.416	HH	90129	2163213	12.33%	0.298%
354	17.427	17.416	17.448	HH	88684	1659477	9.46%	0.229%
355	17.473	17.448	17.501	HH	104460	3006383	17.14%	0.415%
356	17.510	17.501	17.553	HH	90291	2762337	15.75%	0.381%
357	17.570	17.553	17.574	HH	88773	1100468	6.27%	0.152%
358	17.584	17.574	17.603	HH	90626	1568007	8.94%	0.216%
359	17.607	17.603	17.614	HH	87959	542788	3.09%	0.075%
360	17.622	17.614	17.644	HH	88280	1574970	8.98%	0.217%
361	17.651	17.644	17.671	HH	87008	1400674	7.99%	0.193%
362	17.693	17.671	17.698	HH	88979	1470399	8.38%	0.203%
363	17.786	17.698	17.829	HH	118228	7591870	43.28%	1.047%
364	17.910	17.829	17.925	HH	103311	5589240	31.86%	0.771%

365	17.948	17.925	17.954	HH	rteres 110118	1887783	10.76%	0.260%
366	17.964	17.954	18.021	HH	110312	4257167	24.27%	0.587%
367	18.050	18.021	18.066	HH	103546	2753948	15.70%	0.380%
368	18.096	18.066	18.148	HH	132114	5650416	32.21%	0.780%
369	18.193	18.148	18.254	HH	215362	9115095	51.96%	1.258%
370	18.272	18.254	18.290	HH	121912	2539495	14.48%	0.350%
371	18.320	18.290	18.337	HH	144094	3699225	21.09%	0.510%
372	18.353	18.337	18.414	HH	137085	5788942	33.00%	0.799%
373	18.448	18.414	18.500	HH	211060	7319613	41.73%	1.010%
374	18.527	18.500	18.545	HH	128137	3293299	18.77%	0.454%
375	18.577	18.545	18.600	HH	153894	4496121	25.63%	0.620%
376	18.621	18.600	18.649	HH	144969	3934509	22.43%	0.543%
377	18.681	18.649	18.691	HH	131333	3229384	18.41%	0.446%
378	18.734	18.691	18.748	HH	140137	4607026	26.26%	0.636%
379	18.758	18.748	18.766	HH	141557	1541836	8.79%	0.213%
380	18.785	18.766	18.811	HH	142967	3823055	21.79%	0.527%
381	18.829	18.811	18.842	HH	143439	2711234	15.46%	0.374%
382	18.879	18.842	18.900	HH	151819	5031899	28.69%	0.694%
383	18.907	18.900	18.911	HH	145914	976671	5.57%	0.135%
384	18.916	18.911	18.934	HH	146264	2042243	11.64%	0.282%
385	18.960	18.934	18.967	HH	152373	2911709	16.60%	0.402%
386	18.988	18.967	18.996	HH	160114	2790460	15.91%	0.385%
387	19.019	18.996	19.046	HH	172673	4893654	27.90%	0.675%
388	19.053	19.046	19.082	HH	159046	3383054	19.29%	0.467%
389	19.126	19.082	19.151	HH	163023	6548184	37.33%	0.903%
390	19.155	19.151	19.175	HH	159406	2298783	13.11%	0.317%
391	19.198	19.175	19.218	HH	159268	4021064	22.92%	0.555%
392	19.251	19.218	19.255	HH	160065	3579171	20.40%	0.494%
393	19.269	19.255	19.278	HH	161561	2137228	12.18%	0.295%
394	19.304	19.278	19.308	HH	161238	2970984	16.94%	0.410%
395	19.318	19.308	19.334	HH	162348	2470974	14.09%	0.341%
396	19.345	19.334	19.364	HH	162189	2863519	16.32%	0.395%
397	19.369	19.364	19.374	HH	161031	979166	5.58%	0.135%
398	19.407	19.374	19.438	HH	180446	6562229	37.41%	0.905%
399	19.446	19.438	19.461	HH	170103	2379597	13.57%	0.328%
400	19.484	19.461	19.492	HH	172488	3158455	18.01%	0.436%
401	19.502	19.492	19.507	HH	173553	1576663	8.99%	0.218%
402	19.543	19.507	19.549	HH	184216	4513722	25.73%	0.623%
403	19.553	19.549	19.573	HH	183728	2579222	14.70%	0.356%
404	19.606	19.573	19.642	HH	216042	8292846	47.28%	1.144%
405	19.674	19.642	19.709	HH	221742	8190933	46.70%	1.130%
406	19.765	19.709	19.801	HH	214329	11222282	63.98%	1.548%
407	19.815	19.801	19.830	HH	201113	3511823	20.02%	0.484%
408	19.836	19.830	19.851	HH	198580	2434786	13.88%	0.336%
409	19.890	19.851	19.908	HH	212768	7061543	40.26%	0.974%
410	19.985	19.908	20.013	HH	252349	14276476	81.39%	1.970%
411	20.022	20.013	20.028	HH	223067	1906720	10.87%	0.263%

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412	20.054	20.028	20.087	HH	235938	8214240	46.83%	1.133%
413	20.095	20.087	20.102	HH	229047	2042669	11.64%	0.282%
414	20.147	20.102	20.168	HH	241075	9287171	52.94%	1.281%
415	20.184	20.168	20.189	HH	234821	2903617	16.55%	0.401%
416	20.200	20.189	20.204	HH	235780	2170359	12.37%	0.299%
417	20.228	20.204	20.239	HH	240170	4919215	28.04%	0.679%
418	20.260	20.239	20.266	HH	244311	3936254	22.44%	0.543%
419	20.275	20.266	20.281	HH	244969	2223280	12.67%	0.307%
420	20.317	20.281	20.323	HH	249769	6270951	35.75%	0.865%
421	20.330	20.323	20.351	HH	249542	4139082	23.60%	0.571%
422	20.374	20.351	20.379	HH	251505	4203576	23.96%	0.580%
423	20.385	20.379	20.404	HH	252200	3794655	21.63%	0.524%
424	20.427	20.404	20.438	HH	251348	5011473	28.57%	0.691%
425	20.446	20.438	20.454	HH	249786	2456602	14.00%	0.339%
426	20.459	20.454	20.485	HH	249657	4590260	26.17%	0.633%
427	20.505	20.485	20.576	HH	247504	13144633	74.94%	1.813%
428	20.580	20.576	20.584	HH	234378	1157544	6.60%	0.160%
429	20.668	20.584	20.703	HH	254706	17541209	100.00%	2.420%
430	20.707	20.703	20.729	HH	249386	3888533	22.17%	0.536%
431	20.744	20.729	20.777	HH	247306	7031735	40.09%	0.970%
432	20.789	20.777	20.823	HH	241586	6596305	37.60%	0.910%
433	20.831	20.823	20.864	HH	235574	5667022	32.31%	0.782%
434	20.891	20.864	20.924	HH	238134	8447636	48.16%	1.165%
435	20.936	20.924	20.944	HH	237532	2897751	16.52%	0.400%
436	20.980	20.944	20.985	HH	242028	5969100	34.03%	0.823%
437	21.004	20.985	21.031	HH	245832	6617716	37.73%	0.913%
438	21.052	21.031	21.082	HH	244623	7478036	42.63%	1.032%
439	21.091	21.082	21.096	HH	241945	2074040	11.82%	0.286%
440	21.102	21.096	21.200	HH	241879	14424577	82.23%	1.990%
441	21.227	21.200	21.249	HH	222876	6551654	37.35%	0.904%
442	21.334	21.249	21.370	HH	241685	17082542	97.39%	2.357%
443	21.391	21.370	21.455	HH	241697	11996129	68.39%	1.655%
444	21.460	21.455	21.468	HH	230898	1804066	10.28%	0.249%
445	21.478	21.468	21.509	HH	230797	5681808	32.39%	0.784%
446	21.517	21.509	21.535	HH	227760	3444421	19.64%	0.475%
447	21.546	21.535	21.568	HH	227167	4509567	25.71%	0.622%
448	21.581	21.568	21.650	HH	225986	10854855	61.88%	1.498%
449	21.655	21.650	21.663	HH	214038	1659882	9.46%	0.229%
450	21.669	21.663	21.676	HH	214817	1667540	9.51%	0.230%
451	21.724	21.676	21.734	HH	222032	7614996	43.41%	1.051%
452	21.760	21.734	21.764	HH	224762	4070080	23.20%	0.562%
453	21.781	21.764	21.789	HH	226841	3400554	19.39%	0.469%
454	21.797	21.789	21.886	HH	226947	12830261	73.14%	1.770%
455	21.894	21.886	21.905	HH	212667	2478641	14.13%	0.342%
456	21.913	21.905	21.932	HH	212271	3433252	19.57%	0.474%
457	21.938	21.932	21.942	HH	211733	1243034	7.09%	0.171%
458	21.952	21.942	21.961	HH	213318	2388640	13.62%	0.330%
459	21.974	21.961	21.993	HH	213375	4149561	23.66%	0.572%

rters
Sum of corrected areas: 724856338

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