

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060321\
 Data File : FE033864.D
 Signal(s) : FID1B.CH
 Acq On : 03 Jun 2021 10:52
 Sample : M2580-04 10X
 Misc :
 ALS Vial : 7 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	2.387	2.372	2.401	BH	87	-1041	-0.01%	-0.000%
2	2.416	2.401	2.510	PH	1276	-33721	-0.17%	-0.003%
3	2.519	2.510	2.559	PH	-1278	-43217	-0.22%	-0.004%
4	2.563	2.559	2.569	PH	-1544	-10099	-0.05%	-0.001%
5	2.580	2.569	2.612	PH	-1266	-42373	-0.21%	-0.004%
6	2.618	2.612	2.621	PH	-1873	-9734	-0.05%	-0.001%
7	2.637	2.621	2.662	PH	-335	-34410	-0.17%	-0.004%
8	2.683	2.662	2.721	PH	-1160	-64455	-0.32%	-0.007%
9	2.733	2.721	2.747	PH	-1756	-34869	-0.18%	-0.004%
10	2.759	2.747	2.789	PH	-1802	-56688	-0.29%	-0.006%
11	2.794	2.789	2.813	PH	-2517	-38602	-0.19%	-0.004%
12	2.824	2.813	2.841	PH	-2696	-48972	-0.25%	-0.005%
13	2.862	2.841	2.874	PH	-975	-41143	-0.21%	-0.004%
14	2.879	2.874	2.904	PH	-2375	-51484	-0.26%	-0.005%
15	2.921	2.904	2.929	PH	-3110	-48336	-0.24%	-0.005%
16	2.949	2.929	2.999	PH	2267	-62671	-0.32%	-0.006%
17	3.009	2.999	3.024	PH	-2716	-42287	-0.21%	-0.004%
18	3.048	3.024	3.069	PH	-1636	-64499	-0.32%	-0.007%
19	3.073	3.069	3.087	PH	-3019	-35133	-0.18%	-0.004%
20	3.120	3.087	3.140	PH	-622	-73033	-0.37%	-0.007%
21	3.168	3.140	3.185	PH	-315	-57250	-0.29%	-0.006%
22	3.195	3.185	3.213	PH	-2355	-46131	-0.23%	-0.005%
23	3.235	3.213	3.249	PH	-2454	-62152	-0.31%	-0.006%
24	3.260	3.249	3.278	PH	-2703	-53109	-0.27%	-0.005%
25	3.292	3.278	3.301	PH	-3091	-44608	-0.22%	-0.005%
26	3.305	3.301	3.329	PH	-3140	-55569	-0.28%	-0.006%
27	3.339	3.329	3.348	PH	-3317	-39615	-0.20%	-0.004%
28	3.356	3.348	3.370	PH	-3296	-44691	-0.23%	-0.005%
29	3.379	3.370	3.388	PH	-3463	-38379	-0.19%	-0.004%
30	3.406	3.388	3.419	PH	587	-32624	-0.16%	-0.003%
31	3.428	3.419	3.443	PH	-2570	-43190	-0.22%	-0.004%

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32	3.453	3.443	3.479	PH	-3240	-75045	-0.38%	-0.008%
33	3.484	3.479	3.489	PH	-3747	-24183	-0.12%	-0.002%
34	3.508	3.489	3.518	PH	-2769	-58013	-0.29%	-0.006%
35	3.532	3.518	3.545	PH	-2863	-49768	-0.25%	-0.005%
36	3.556	3.545	3.567	PH	-3218	-45440	-0.23%	-0.005%
37	3.602	3.567	3.634	PH	-2738	-130887	-0.66%	-0.013%
38	3.648	3.634	3.653	PH	-3432	-39250	-0.20%	-0.004%
39	3.674	3.653	3.690	PH	-1777	-57465	-0.29%	-0.006%
40	3.705	3.690	3.745	PH	1434	-62859	-0.32%	-0.006%
41	3.773	3.745	3.795	PH	-908	-78874	-0.40%	-0.008%
42	3.812	3.795	3.823	PH	-1851	-42276	-0.21%	-0.004%
43	3.845	3.823	3.864	PH	-1467	-59330	-0.30%	-0.006%
44	3.868	3.864	3.879	PH	-3353	-31665	-0.16%	-0.003%
45	3.895	3.879	3.907	PH	2848	-5513	-0.03%	-0.001%
46	3.914	3.907	3.930	PH	-743	-26061	-0.13%	-0.003%
47	3.943	3.930	3.959	PH	-2193	-51839	-0.26%	-0.005%
48	3.979	3.959	4.030	PH	3233	-84930	-0.43%	-0.009%
49	4.070	4.030	4.084	PH	4573	-21779	-0.11%	-0.002%
50	4.090	4.084	4.107	PH	340	-12505	-0.06%	-0.001%
51	4.122	4.107	4.141	PH	-2127	-48024	-0.24%	-0.005%
52	4.158	4.141	4.184	PH	261	-51041	-0.26%	-0.005%
53	4.229	4.184	4.255	PH	12863	29841	0.15%	0.003%
54	4.267	4.255	4.298	PH	-1096	-50312	-0.25%	-0.005%
55	4.305	4.298	4.350	PH	-2604	-99329	-0.50%	-0.010%
56	4.377	4.350	4.399	PH	-2440	-88115	-0.44%	-0.009%
57	4.416	4.399	4.436	PH	-1851	-56433	-0.28%	-0.006%
58	4.458	4.436	4.487	PH	9418	24717	0.12%	0.003%
59	4.506	4.487	4.521	PH	2903	-8169	-0.04%	-0.001%
60	4.532	4.521	4.548	PH	-1200	-32526	-0.16%	-0.003%
61	4.564	4.548	4.589	PH	-1358	-60271	-0.30%	-0.006%
62	4.610	4.589	4.643	PH	3125	-31639	-0.16%	-0.003%
63	4.676	4.643	4.695	PH	2512	-4207	-0.02%	-0.000%
64	4.710	4.695	4.727	PH	2227	-5877	-0.03%	-0.001%
65	4.741	4.727	4.754	PH	-96	-20027	-0.10%	-0.002%
66	4.761	4.754	4.779	PH	-1526	-28678	-0.14%	-0.003%
67	4.789	4.779	4.797	PH	-1377	-18205	-0.09%	-0.002%
68	4.810	4.797	4.821	PH	203	-9929	-0.05%	-0.001%
69	4.837	4.821	4.853	PH	2506	3639	0.02%	0.000%
70	4.872	4.853	4.895	PH	1614	-8970	-0.05%	-0.001%
71	4.911	4.895	4.924	PH	3444	14551	0.07%	0.001%
72	4.930	4.924	4.960	HH	584	-29806	-0.15%	-0.003%
73	4.986	4.960	5.000	PH	-193	-38016	-0.19%	-0.004%
74	5.022	5.000	5.046	PH	-511	-34995	-0.18%	-0.004%
75	5.062	5.046	5.075	PH	109	-17001	-0.09%	-0.002%
76	5.096	5.075	5.122	PH	4583	39296	0.20%	0.004%
77	5.132	5.122	5.141	PH	1553	9830	0.05%	0.001%
78	5.149	5.141	5.161	HH	1623	7704	0.04%	0.001%
79	5.174	5.161	5.186	PH	5609	39601	0.20%	0.004%

80	5.194	5.186	5.214	HH	rteres 2262	4549	0.02%	0.000%
81	5.225	5.214	5.241	PH	-1479	-31245	-0.16%	-0.003%
82	5.260	5.241	5.273	PH	-2005	-43752	-0.22%	-0.004%
83	5.293	5.273	5.300	PH	-174	-18337	-0.09%	-0.002%
84	5.311	5.300	5.333	PH	86	-17535	-0.09%	-0.002%
85	5.366	5.333	5.374	PH	1234	-7484	-0.04%	-0.001%
86	5.382	5.374	5.401	HH	1284	-100	-0.00%	-0.000%
87	5.413	5.401	5.428	PH	-1293	-24903	-0.13%	-0.003%
88	5.441	5.428	5.464	PH	-794	-35113	-0.18%	-0.004%
89	5.489	5.464	5.509	PH	22386	208397	1.05%	0.021%
90	5.526	5.509	5.546	HH	6513	52480	0.26%	0.005%
91	5.559	5.546	5.572	PH	-1162	-22819	-0.11%	-0.002%
92	5.581	5.572	5.591	PH	-1601	-20793	-0.10%	-0.002%
93	5.604	5.591	5.611	PH	-1653	-22457	-0.11%	-0.002%
94	5.627	5.611	5.637	PH	-1675	-27166	-0.14%	-0.003%
95	5.678	5.637	5.698	PH	6565	34313	0.17%	0.004%
96	5.704	5.698	5.717	PH	-158	-6913	-0.03%	-0.001%
97	5.735	5.717	5.743	PH	-248	-10276	-0.05%	-0.001%
98	5.774	5.743	5.810	PH	9342	138564	0.70%	0.014%
99	5.828	5.810	5.847	PH	4051	26778	0.13%	0.003%
100	5.864	5.847	5.882	PH	2674	17047	0.09%	0.002%
101	5.897	5.882	5.923	PH	752	-5219	-0.03%	-0.001%
102	5.944	5.923	5.961	PH	2557	12120	0.06%	0.001%
103	5.979	5.961	6.018	PH	12301	170559	0.86%	0.017%
104	6.042	6.018	6.073	HH	197798	1913346	9.64%	0.196%
105	6.087	6.073	6.109	HH	7073	76732	0.39%	0.008%
106	6.127	6.109	6.153	PH	4929	49570	0.25%	0.005%
107	6.184	6.153	6.203	PH	6001	95563	0.48%	0.010%
108	6.217	6.203	6.241	HH	2227	28748	0.14%	0.003%
109	6.256	6.241	6.272	HH	3432	36198	0.18%	0.004%
110	6.310	6.272	6.329	HH	3497	71136	0.36%	0.007%
111	6.349	6.329	6.370	HH	1816	22860	0.12%	0.002%
112	6.405	6.370	6.441	PH	3348	68348	0.34%	0.007%
113	6.467	6.441	6.519	HH	25237	283506	1.43%	0.029%
114	6.558	6.519	6.570	PH	1069	11090	0.06%	0.001%
115	6.586	6.570	6.596	HH	2642	27020	0.14%	0.003%
116	6.616	6.596	6.638	HH	10150	117718	0.59%	0.012%
117	6.666	6.638	6.683	HH	4044	63660	0.32%	0.007%
118	6.689	6.683	6.707	HH	1412	11730	0.06%	0.001%
119	6.722	6.707	6.727	HH	946	7009	0.04%	0.001%
120	6.750	6.727	6.768	HH	5638	66463	0.33%	0.007%
121	6.790	6.768	6.818	PH	5026	79459	0.40%	0.008%
122	6.825	6.818	6.839	HH	1708	16964	0.09%	0.002%
123	6.872	6.839	6.895	HH	9892	128390	0.65%	0.013%
124	6.908	6.895	6.920	HH	1901	22210	0.11%	0.002%
125	6.940	6.920	6.949	HH	2415	34334	0.17%	0.004%
126	6.970	6.949	6.976	HH	4750	58901	0.30%	0.006%

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127	6.989	6.976	7.012	HH	5589	91497	0.46%	0.009%
128	7.030	7.012	7.053	HH	8402	121923	0.61%	0.012%
129	7.096	7.053	7.121	HH	82516	959568	4.83%	0.098%
130	7.126	7.121	7.153	HH	6294	94645	0.48%	0.010%
131	7.171	7.153	7.210	HH	13722	242269	1.22%	0.025%
132	7.231	7.210	7.256	HH	55322	582772	2.93%	0.060%
133	7.271	7.256	7.307	HH	4994	105004	0.53%	0.011%
134	7.320	7.307	7.336	HH	2630	40034	0.20%	0.004%
135	7.391	7.336	7.423	HH	35005	531481	2.68%	0.054%
136	7.440	7.423	7.452	HH	4540	65604	0.33%	0.007%
137	7.457	7.452	7.468	HH	4150	40029	0.20%	0.004%
138	7.481	7.468	7.501	HH	4710	73963	0.37%	0.008%
139	7.512	7.501	7.524	HH	2920	38679	0.19%	0.004%
140	7.528	7.524	7.539	HH	2925	25527	0.13%	0.003%
141	7.568	7.539	7.604	HH	9010	202521	1.02%	0.021%
142	7.622	7.604	7.639	HH	4611	74449	0.37%	0.008%
143	7.666	7.639	7.671	HH	2743	45355	0.23%	0.005%
144	7.688	7.671	7.696	HH	4108	51640	0.26%	0.005%
145	7.709	7.696	7.714	HH	4664	46241	0.23%	0.005%
146	7.730	7.714	7.747	HH	6155	97858	0.49%	0.010%
147	7.759	7.747	7.773	HH	4082	54343	0.27%	0.006%
148	7.784	7.773	7.795	HH	3456	43783	0.22%	0.004%
149	7.820	7.795	7.859	HH	20981	361619	1.82%	0.037%
150	7.870	7.859	7.889	HH	6188	91253	0.46%	0.009%
151	7.912	7.889	7.935	HH	7619	141555	0.71%	0.015%
152	7.977	7.935	7.993	HH	16308	337138	1.70%	0.035%
153	8.007	7.993	8.042	HH	11440	260388	1.31%	0.027%
154	8.047	8.042	8.053	HH	4862	33400	0.17%	0.003%
155	8.085	8.053	8.129	HH	34536	711139	3.58%	0.073%
156	8.150	8.129	8.160	HH	6181	106911	0.54%	0.011%
157	8.194	8.160	8.208	HH	46951	598407	3.01%	0.061%
158	8.223	8.208	8.245	HH	38422	571388	2.88%	0.059%
159	8.262	8.245	8.291	HH	41739	559503	2.82%	0.057%
160	8.325	8.291	8.339	HH	24805	390857	1.97%	0.040%
161	8.357	8.339	8.361	HH	20188	230576	1.16%	0.024%
162	8.377	8.361	8.409	HH	32151	497218	2.50%	0.051%
163	8.429	8.409	8.446	HH	12036	194996	0.98%	0.020%
164	8.468	8.446	8.502	HH	13729	304248	1.53%	0.031%
165	8.512	8.502	8.528	HH	6962	98611	0.50%	0.010%
166	8.550	8.528	8.578	HH	6103	161486	0.81%	0.017%
167	8.591	8.578	8.603	HH	5316	72228	0.36%	0.007%
168	8.625	8.603	8.647	HH	11215	217998	1.10%	0.022%
169	8.673	8.647	8.699	HH	111540	1286059	6.48%	0.132%
170	8.718	8.699	8.742	HH	21518	360009	1.81%	0.037%
171	8.765	8.742	8.775	HH	12744	213472	1.07%	0.022%
172	8.797	8.775	8.824	HH	26498	476224	2.40%	0.049%
173	8.847	8.824	8.871	HH	14461	291073	1.47%	0.030%
174	8.882	8.871	8.890	HH	7787	85941	0.43%	0.009%

175	8.913	8.890	8.928	HH	rteres 29529	436013	2.20%	0.045%
176	8.946	8.928	8.971	HH	87390	1011079	5.09%	0.104%
177	8.985	8.971	9.005	HH	11376	201812	1.02%	0.021%
178	9.036	9.005	9.051	HH	12410	273730	1.38%	0.028%
179	9.084	9.051	9.106	HH	54656	761492	3.83%	0.078%
180	9.123	9.106	9.156	HH	21973	379818	1.91%	0.039%
181	9.172	9.156	9.203	HH	8053	201865	1.02%	0.021%
182	9.239	9.203	9.255	HH	18949	338905	1.71%	0.035%
183	9.270	9.255	9.304	HH	17387	306870	1.55%	0.031%
184	9.322	9.304	9.337	HH	9225	155693	0.78%	0.016%
185	9.375	9.337	9.400	HH	20266	455413	2.29%	0.047%
186	9.416	9.400	9.431	HH	9676	156296	0.79%	0.016%
187	9.458	9.431	9.511	HH	112795	1539347	7.75%	0.158%
188	9.538	9.511	9.567	HH	23917	514942	2.59%	0.053%
189	9.580	9.567	9.591	HH	15677	199487	1.00%	0.020%
190	9.610	9.591	9.628	HH	27576	434059	2.19%	0.044%
191	9.637	9.628	9.651	HH	15491	194811	0.98%	0.020%
192	9.668	9.651	9.684	HH	21020	327986	1.65%	0.034%
193	9.698	9.684	9.734	HH	24357	450969	2.27%	0.046%
194	9.742	9.734	9.757	HH	9078	121882	0.61%	0.012%
195	9.779	9.757	9.805	HH	33171	534334	2.69%	0.055%
196	9.827	9.805	9.843	HH	12984	268174	1.35%	0.027%
197	9.865	9.843	9.872	HH	45277	532951	2.68%	0.055%
198	9.877	9.872	9.923	HH	44087	665680	3.35%	0.068%
199	9.942	9.923	9.958	HH	13864	244686	1.23%	0.025%
200	9.973	9.958	9.994	HH	12136	229420	1.16%	0.024%
201	10.012	9.994	10.027	HH	11466	199237	1.00%	0.020%
202	10.043	10.027	10.072	HH	12266	291545	1.47%	0.030%
203	10.092	10.072	10.103	HH	9365	172056	0.87%	0.018%
204	10.110	10.103	10.121	HH	8862	91733	0.46%	0.009%
205	10.142	10.121	10.158	HH	10381	211488	1.06%	0.022%
206	10.173	10.158	10.182	HH	8645	118199	0.60%	0.012%
207	10.203	10.182	10.229	HH	14236	320073	1.61%	0.033%
208	10.254	10.229	10.282	HH	25587	510202	2.57%	0.052%
209	10.309	10.282	10.321	HH	17934	337059	1.70%	0.035%
210	10.340	10.321	10.363	HH	29642	506841	2.55%	0.052%
211	10.381	10.363	10.425	HH	22395	567541	2.86%	0.058%
212	10.457	10.425	10.493	HH	28734	717565	3.61%	0.074%
213	10.515	10.493	10.561	HH	38102	884585	4.45%	0.091%
214	10.602	10.561	10.619	HH	42776	886545	4.46%	0.091%
215	10.628	10.619	10.640	HH	24693	270919	1.36%	0.028%
216	10.667	10.640	10.705	HH	64996	1492841	7.52%	0.153%
217	10.714	10.705	10.724	HH	17765	188059	0.95%	0.019%
218	10.730	10.724	10.747	HH	17195	223388	1.12%	0.023%
219	10.769	10.747	10.809	HH	23153	659024	3.32%	0.068%
220	10.832	10.809	10.840	HH	24934	367038	1.85%	0.038%
221	10.871	10.840	10.912	HH	720155	8690847	43.76%	0.890%

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222	10.940	10.912	10.964	HH	184033	2271931	11.44%	0.233%
223	10.972	10.964	10.984	HH	19802	220102	1.11%	0.023%
224	10.992	10.984	11.009	HH	18512	265525	1.34%	0.027%
225	11.017	11.009	11.030	HH	16034	190338	0.96%	0.019%
226	11.052	11.030	11.066	HH	15454	329122	1.66%	0.034%
227	11.077	11.066	11.095	HH	15514	256014	1.29%	0.026%
228	11.114	11.095	11.133	HH	20215	388670	1.96%	0.040%
229	11.155	11.133	11.194	HH	79536	1255966	6.32%	0.129%
230	11.223	11.194	11.242	HH	16538	450930	2.27%	0.046%
231	11.261	11.242	11.280	HH	18719	397746	2.00%	0.041%
232	11.306	11.280	11.328	HH	39449	721878	3.64%	0.074%
233	11.394	11.328	11.425	HH	39462	1355983	6.83%	0.139%
234	11.464	11.425	11.486	HH	23994	683382	3.44%	0.070%
235	11.515	11.486	11.536	HH	26381	646471	3.26%	0.066%
236	11.556	11.536	11.576	HH	20574	446032	2.25%	0.046%
237	11.594	11.576	11.607	HH	19064	332849	1.68%	0.034%
238	11.620	11.607	11.637	HH	19814	342473	1.72%	0.035%
239	11.667	11.637	11.682	HH	84686	1243640	6.26%	0.127%
240	11.698	11.682	11.730	HH	110089	1574221	7.93%	0.161%
241	11.782	11.730	11.799	HH	77236	1724477	8.68%	0.177%
242	11.815	11.799	11.829	HH	54059	729077	3.67%	0.075%
243	11.846	11.829	11.879	HH	73358	1220830	6.15%	0.125%
244	11.894	11.879	11.906	HH	21543	326981	1.65%	0.033%
245	11.930	11.906	11.946	HH	26318	560187	2.82%	0.057%
246	11.978	11.946	12.012	HH	40629	1138275	5.73%	0.117%
247	12.029	12.012	12.049	HH	35829	637583	3.21%	0.065%
248	12.069	12.049	12.089	HH	25697	589933	2.97%	0.060%
249	12.105	12.089	12.113	HH	23269	333652	1.68%	0.034%
250	12.137	12.113	12.162	HH	65444	1160635	5.84%	0.119%
251	12.195	12.162	12.217	HH	28243	873619	4.40%	0.089%
252	12.236	12.217	12.267	HH	32429	860479	4.33%	0.088%
253	12.284	12.267	12.303	HH	31029	593022	2.99%	0.061%
254	12.343	12.303	12.357	HH	34464	962022	4.84%	0.099%
255	12.368	12.357	12.371	HH	30639	263697	1.33%	0.027%
256	12.388	12.371	12.404	HH	34436	628161	3.16%	0.064%
257	12.413	12.404	12.419	HH	32594	288456	1.45%	0.030%
258	12.432	12.419	12.442	HH	35925	477892	2.41%	0.049%
259	12.457	12.442	12.495	HH	41030	1088445	5.48%	0.112%
260	12.519	12.495	12.541	HH	58483	1164352	5.86%	0.119%
261	12.566	12.541	12.589	HH	59335	1354299	6.82%	0.139%
262	12.617	12.589	12.656	HH	54766	1676836	8.44%	0.172%
263	12.693	12.656	12.730	HH	589856	8010526	40.34%	0.821%
264	12.750	12.730	12.767	HH	29767	629714	3.17%	0.065%
265	12.791	12.767	12.806	HH	45944	860057	4.33%	0.088%
266	12.818	12.806	12.829	HH	38174	508625	2.56%	0.052%
267	12.848	12.829	12.861	HH	51430	844611	4.25%	0.087%
268	12.871	12.861	12.887	HH	49343	695316	3.50%	0.071%
269	12.898	12.887	12.934	HH	41017	1014920	5.11%	0.104%

270	12.940	12.934	12.957	HH	rteres 31406	410279	2.07%	0.042%
271	12.991	12.957	13.023	HH	468605	6362621	32.04%	0.652%
272	13.040	13.023	13.055	HH	73221	1087470	5.48%	0.111%
273	13.071	13.055	13.099	HH	87466	1506950	7.59%	0.154%
274	13.119	13.099	13.137	HH	35792	783834	3.95%	0.080%
275	13.157	13.137	13.175	HH	50954	945982	4.76%	0.097%
276	13.192	13.175	13.210	HH	43741	847772	4.27%	0.087%
277	13.252	13.210	13.261	HH	62233	1510516	7.61%	0.155%
278	13.281	13.261	13.305	HH	172297	2655258	13.37%	0.272%
279	13.330	13.305	13.360	HH	47382	1373173	6.91%	0.141%
280	13.382	13.360	13.421	HH	52200	1543261	7.77%	0.158%
281	13.447	13.421	13.520	HH	69748	2903471	14.62%	0.297%
282	13.575	13.520	13.618	HH	102251	3312878	16.68%	0.339%
283	13.641	13.618	13.657	HH	47666	1047809	5.28%	0.107%
284	13.682	13.657	13.701	HH	81644	1614766	8.13%	0.165%
285	13.721	13.701	13.745	HH	89395	1731585	8.72%	0.177%
286	13.761	13.745	13.784	HH	55856	1161037	5.85%	0.119%
287	13.819	13.784	13.834	HH	70696	1778071	8.95%	0.182%
288	13.852	13.834	13.874	HH	77839	1581801	7.97%	0.162%
289	13.892	13.874	13.932	HH	73106	1915375	9.65%	0.196%
290	13.969	13.932	13.988	HH	51838	1628942	8.20%	0.167%
291	14.009	13.988	14.015	HH	49114	761156	3.83%	0.078%
292	14.039	14.015	14.044	HH	52933	885246	4.46%	0.091%
293	14.067	14.044	14.088	HH	54681	1422779	7.16%	0.146%
294	14.104	14.088	14.129	HH	54083	1241885	6.25%	0.127%
295	14.176	14.129	14.198	HH	52080	2081415	10.48%	0.213%
296	14.216	14.198	14.226	HH	52611	875681	4.41%	0.090%
297	14.259	14.226	14.277	HH	74849	1989156	10.02%	0.204%
298	14.312	14.277	14.347	HH	101321	3137031	15.80%	0.321%
299	14.381	14.347	14.400	HH	67151	1859721	9.36%	0.191%
300	14.414	14.400	14.437	HH	62178	1330482	6.70%	0.136%
301	14.446	14.437	14.462	HH	57325	836306	4.21%	0.086%
302	14.489	14.462	14.529	HH	89980	2807659	14.14%	0.288%
303	14.552	14.529	14.575	HH	106249	2237859	11.27%	0.229%
304	14.617	14.575	14.656	HH	95435	3466904	17.46%	0.355%
305	14.675	14.656	14.692	HH	63350	1309604	6.59%	0.134%
306	14.719	14.692	14.774	HH	102825	3676091	18.51%	0.377%
307	14.778	14.774	14.792	HH	60094	632462	3.18%	0.065%
308	14.821	14.792	14.836	HH	69536	1684150	8.48%	0.173%
309	14.869	14.836	14.889	HH	269764	4594425	23.14%	0.471%
310	14.910	14.889	14.942	HH	271123	4536066	22.84%	0.465%
311	14.958	14.942	14.985	HH	69472	1735982	8.74%	0.178%
312	15.029	14.985	15.049	HH	98815	2961455	14.91%	0.303%
313	15.057	15.049	15.082	HH	73468	1364239	6.87%	0.140%
314	15.112	15.082	15.145	HH	80443	2708749	13.64%	0.277%
315	15.172	15.145	15.192	HH	87410	2162045	10.89%	0.221%
316	15.208	15.192	15.274	HH	77241	3569837	17.98%	0.366%

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317	15.309	15.274	15.341	HH	111767	3405324	17.15%	0.349%
318	15.350	15.341	15.388	HH	77648	2123864	10.70%	0.218%
319	15.407	15.388	15.414	HH	72080	1117683	5.63%	0.115%
320	15.445	15.414	15.481	HH	87481	3202647	16.13%	0.328%
321	15.497	15.481	15.515	HH	81198	1561220	7.86%	0.160%
322	15.541	15.515	15.561	HH	112819	2578174	12.98%	0.264%
323	15.578	15.561	15.608	HH	92657	2329616	11.73%	0.239%
324	15.626	15.608	15.637	HH	82360	1416638	7.13%	0.145%
325	15.643	15.637	15.649	HH	78973	561393	2.83%	0.058%
326	15.700	15.649	15.735	HH	98090	4471010	22.51%	0.458%
327	15.776	15.735	15.806	HH	90205	3569767	17.98%	0.366%
328	15.830	15.806	15.842	HH	82621	1794010	9.03%	0.184%
329	15.862	15.842	15.887	HH	87755	2252381	11.34%	0.231%
330	15.908	15.887	15.923	HH	89211	1877273	9.45%	0.192%
331	15.946	15.923	15.962	HH	98618	2176951	10.96%	0.223%
332	15.969	15.962	16.003	HH	92238	2191130	11.03%	0.224%
333	16.012	16.003	16.018	HH	87062	793802	4.00%	0.081%
334	16.042	16.018	16.058	HH	88754	2089838	10.52%	0.214%
335	16.077	16.058	16.082	HH	88449	1251029	6.30%	0.128%
336	16.155	16.082	16.199	HH	99523	6572526	33.10%	0.673%
337	16.218	16.199	16.234	HH	100814	2060586	10.38%	0.211%
338	16.248	16.234	16.271	HH	102447	2207215	11.11%	0.226%
339	16.277	16.271	16.287	HH	99106	982186	4.95%	0.101%
340	16.290	16.287	16.297	HH	98967	557926	2.81%	0.057%
341	16.338	16.297	16.389	HH	110323	5754082	28.98%	0.589%
342	16.435	16.389	16.452	HH	265723	6109927	30.77%	0.626%
343	16.460	16.452	16.497	HH	169117	3450314	17.37%	0.353%
344	16.508	16.497	16.513	HH	100897	984817	4.96%	0.101%
345	16.561	16.513	16.584	HH	128879	4687034	23.60%	0.480%
346	16.597	16.584	16.620	HH	111092	2288040	11.52%	0.234%
347	16.637	16.620	16.642	HH	106887	1389796	7.00%	0.142%
348	16.648	16.642	16.657	HH	107151	1020243	5.14%	0.105%
349	16.661	16.657	16.668	HH	106888	643682	3.24%	0.066%
350	16.756	16.668	16.784	HH	205577	8996234	45.30%	0.922%
351	16.814	16.784	16.854	HH	235819	6266654	31.56%	0.642%
352	16.914	16.854	16.947	HH	153600	7216923	36.34%	0.739%
353	16.965	16.947	16.984	HH	127632	2755955	13.88%	0.282%
354	16.994	16.984	17.007	HH	122149	1668307	8.40%	0.171%
355	17.061	17.007	17.067	HH	130482	4561445	22.97%	0.467%
356	17.074	17.067	17.098	HH	130366	2417806	12.18%	0.248%
357	17.121	17.098	17.130	HH	134073	2583381	13.01%	0.265%
358	17.150	17.130	17.160	HH	138522	2397456	12.07%	0.246%
359	17.182	17.160	17.202	HH	141655	3486511	17.56%	0.357%
360	17.217	17.202	17.250	HH	143616	4045390	20.37%	0.414%
361	17.280	17.250	17.287	HH	141187	3046780	15.34%	0.312%
362	17.346	17.287	17.373	HH	159784	7589790	38.22%	0.778%
363	17.396	17.373	17.412	HH	145255	3296439	16.60%	0.338%
364	17.424	17.412	17.446	HH	144692	2936399	14.79%	0.301%

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365	17.473	17.446	17.500	HH	157796	4856165	24.45%	0.497%
366	17.524	17.500	17.549	HH	148899	4187422	21.09%	0.429%
367	17.558	17.549	17.566	HH	143616	1472695	7.42%	0.151%
368	17.591	17.566	17.605	HH	144378	3422288	17.23%	0.351%
369	17.619	17.605	17.642	HH	147212	3154557	15.89%	0.323%
370	17.650	17.642	17.666	HH	145854	2139184	10.77%	0.219%
371	17.694	17.666	17.699	HH	151280	2853456	14.37%	0.292%
372	17.704	17.699	17.720	HH	151824	1958303	9.86%	0.201%
373	17.740	17.720	17.745	HH	150787	2177429	10.96%	0.223%
374	17.788	17.745	17.824	HH	179847	7682049	38.68%	0.787%
375	17.831	17.824	17.835	HH	151160	1054868	5.31%	0.108%
376	17.845	17.835	17.860	HH	152671	2267975	11.42%	0.232%
377	17.877	17.860	17.891	HH	155142	2830450	14.25%	0.290%
378	17.942	17.891	17.964	HH	182770	7310293	36.81%	0.749%
379	17.968	17.964	18.008	HH	173708	4400744	22.16%	0.451%
380	18.048	18.008	18.064	HH	164126	5433787	27.36%	0.557%
381	18.097	18.064	18.129	HH	184858	6768309	34.08%	0.693%
382	18.152	18.129	18.164	HH	183213	3757483	18.92%	0.385%
383	18.192	18.164	18.252	HH	241736	10642102	53.59%	1.090%
384	18.273	18.252	18.281	HH	179275	3036674	15.29%	0.311%
385	18.314	18.281	18.336	HH	206964	6376862	32.11%	0.653%
386	18.352	18.336	18.386	HH	193014	5603482	28.22%	0.574%
387	18.390	18.386	18.412	HH	179859	2772819	13.96%	0.284%
388	18.447	18.412	18.498	HH	237910	9996749	50.34%	1.024%
389	18.528	18.498	18.548	HH	184196	5447772	27.43%	0.558%
390	18.580	18.548	18.598	HH	200756	5683631	28.62%	0.582%
391	18.621	18.598	18.644	HH	203585	5372448	27.05%	0.550%
392	18.652	18.644	18.660	HH	182407	1678973	8.45%	0.172%
393	18.689	18.660	18.698	HH	187246	4265327	21.48%	0.437%
394	18.733	18.698	18.746	HH	203703	5594896	28.17%	0.573%
395	18.750	18.746	18.762	HH	198908	1937087	9.75%	0.198%
396	18.783	18.762	18.801	HH	211190	4737073	23.85%	0.485%
397	18.808	18.801	18.817	HH	201706	1972484	9.93%	0.202%
398	18.820	18.817	18.824	HH	201555	872008	4.39%	0.089%
399	18.828	18.824	18.832	HH	201513	937886	4.72%	0.096%
400	18.837	18.832	18.845	HH	201515	1565977	7.89%	0.160%
401	18.879	18.845	18.886	HH	210289	5001823	25.19%	0.512%
402	18.891	18.886	18.895	HH	209647	1179411	5.94%	0.121%
403	18.905	18.895	18.911	HH	211650	1999440	10.07%	0.205%
404	18.914	18.911	18.940	HH	210460	3665765	18.46%	0.376%
405	18.982	18.940	19.001	HH	231749	7983619	40.20%	0.818%
406	19.020	19.001	19.047	HH	232345	6119647	30.82%	0.627%
407	19.059	19.047	19.082	HH	220401	4535181	22.84%	0.465%
408	19.131	19.082	19.153	HH	226394	9384450	47.26%	0.961%
409	19.159	19.153	19.182	HH	221375	3732652	18.80%	0.382%
410	19.201	19.182	19.207	HH	221307	3370355	16.97%	0.345%
411	19.228	19.207	19.248	HH	223624	5403680	27.21%	0.554%

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412	19.263	19.248	19.269	HH	226820	2819850	14.20%	0.289%
413	19.275	19.269	19.282	HH	227073	1863820	9.39%	0.191%
414	19.297	19.282	19.307	HH	228434	3381091	17.03%	0.346%
415	19.315	19.307	19.335	HH	229004	3808512	19.18%	0.390%
416	19.349	19.335	19.355	HH	225915	2618862	13.19%	0.268%
417	19.357	19.355	19.362	HH	225272	1019582	5.13%	0.104%
418	19.410	19.362	19.424	HH	243927	8644678	43.53%	0.886%
419	19.439	19.424	19.464	HH	240817	5693479	28.67%	0.583%
420	19.468	19.464	19.475	HH	234811	1573286	7.92%	0.161%
421	19.481	19.475	19.488	HH	234745	1775009	8.94%	0.182%
422	19.541	19.488	19.561	HH	245604	10513526	52.94%	1.077%
423	19.566	19.561	19.571	HH	240838	1440542	7.25%	0.148%
424	19.610	19.571	19.639	HH	265918	10376560	52.25%	1.063%
425	19.678	19.639	19.719	HH	276440	12570276	63.30%	1.288%
426	19.730	19.719	19.745	HH	257306	4014475	20.22%	0.411%
427	19.781	19.745	19.807	HH	271862	9742985	49.06%	0.998%
428	19.813	19.807	19.820	HH	258472	2107619	10.61%	0.216%
429	19.829	19.820	19.871	HH	259603	7751005	39.03%	0.794%
430	19.898	19.871	19.904	HH	262141	5089351	25.63%	0.521%
431	19.909	19.904	19.913	HH	262495	1489459	7.50%	0.153%
432	19.920	19.913	19.926	HH	263287	1986867	10.01%	0.204%
433	19.988	19.926	20.022	HH	305672	16445591	82.81%	1.685%
434	20.031	20.022	20.037	HH	288176	2588099	13.03%	0.265%
435	20.061	20.037	20.075	HH	299222	6757040	34.03%	0.692%
436	20.081	20.075	20.086	HH	292866	1829521	9.21%	0.187%
437	20.098	20.086	20.110	HH	295648	4235314	21.33%	0.434%
438	20.144	20.110	20.171	HH	299160	10812311	54.45%	1.108%
439	20.177	20.171	20.184	HH	286189	2157925	10.87%	0.221%
440	20.192	20.184	20.198	HH	285721	2391159	12.04%	0.245%
441	20.220	20.198	20.225	HH	295110	4751098	23.93%	0.487%
442	20.231	20.225	20.235	HH	294780	1748147	8.80%	0.179%
443	20.260	20.235	20.270	HH	302452	6141719	30.93%	0.629%
444	20.276	20.270	20.280	HH	300083	1837265	9.25%	0.188%
445	20.305	20.280	20.319	HH	310722	7256890	36.54%	0.743%
446	20.324	20.319	20.330	HH	307724	1962862	9.88%	0.201%
447	20.342	20.330	20.349	HH	310018	3578630	18.02%	0.367%
448	20.357	20.349	20.372	HH	310262	4155410	20.93%	0.426%
449	20.379	20.372	20.409	HH	308313	6800899	34.25%	0.697%
450	20.423	20.409	20.446	HH	309940	6893609	34.71%	0.706%
451	20.452	20.446	20.457	HH	302699	1980208	9.97%	0.203%
452	20.507	20.457	20.538	HH	312788	14805355	74.56%	1.517%
453	20.544	20.538	20.557	HH	299847	3413117	17.19%	0.350%
454	20.569	20.557	20.589	HH	297907	5717366	28.79%	0.586%
455	20.604	20.589	20.613	HH	295116	4212649	21.21%	0.432%
456	20.658	20.613	20.687	HH	304921	13423955	67.60%	1.375%
457	20.692	20.687	20.696	HH	304020	1656378	8.34%	0.170%
458	20.704	20.696	20.710	HH	304884	2552748	12.85%	0.262%
459	20.730	20.710	20.814	HH	306499	18527530	93.30%	1.898%

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460	20.825	20.814	20.835	HH	291218	3770711	18.99%	0.386%
461	20.845	20.835	20.855	HH	291150	3419616	17.22%	0.350%
462	20.861	20.855	20.866	HH	289296	1860699	9.37%	0.191%
463	20.888	20.866	20.924	HH	289744	9925836	49.98%	1.017%
464	20.932	20.924	20.937	HH	279810	2212887	11.14%	0.227%
465	20.952	20.937	20.958	HH	281698	3469505	17.47%	0.355%
466	21.016	20.958	21.021	HH	296149	11043217	55.61%	1.131%
467	21.030	21.021	21.040	HH	297436	3357611	16.91%	0.344%
468	21.045	21.040	21.107	HH	297684	11803228	59.44%	1.209%
469	21.113	21.107	21.134	HH	293867	4688139	23.61%	0.480%
470	21.139	21.134	21.172	HH	286913	6426539	32.36%	0.658%
471	21.179	21.172	21.206	HH	277819	5599530	28.20%	0.574%
472	21.210	21.206	21.226	HH	271606	3305929	16.65%	0.339%
473	21.233	21.226	21.241	HH	267348	2359982	11.88%	0.242%
474	21.246	21.241	21.251	HH	266657	1542210	7.77%	0.158%
475	21.261	21.251	21.265	HH	268377	2379837	11.98%	0.244%
476	21.333	21.265	21.352	HH	293698	14640533	73.73%	1.500%
477	21.379	21.352	21.388	HH	294647	6328411	31.87%	0.648%
478	21.395	21.388	21.403	HH	293749	2616560	13.18%	0.268%
479	21.410	21.403	21.458	HH	293320	9417055	47.42%	0.965%
480	21.463	21.458	21.471	HH	278240	2138430	10.77%	0.219%
481	21.476	21.471	21.484	HH	276918	2115279	10.65%	0.217%
482	21.490	21.484	21.534	HH	276844	8377409	42.19%	0.858%
483	21.540	21.534	21.553	HH	271160	2965679	14.93%	0.304%
484	21.557	21.553	21.587	HH	269342	5511826	27.76%	0.565%
485	21.595	21.587	21.619	HH	263460	4972091	25.04%	0.509%
486	21.638	21.619	21.650	HH	258848	4884381	24.60%	0.500%
487	21.653	21.650	21.660	HH	259679	1551283	7.81%	0.159%
488	21.668	21.660	21.687	HH	258328	4116589	20.73%	0.422%
489	21.732	21.687	21.772	HH	274687	13617912	68.58%	1.395%
490	21.812	21.772	21.897	HH	273790	19858230	100.00%	2.034%
491	21.920	21.897	21.927	HH	252634	4411292	22.21%	0.452%
492	21.937	21.927	21.945	HH	253418	2851719	14.36%	0.292%
493	21.957	21.945	22.000	HHA	254893	8479360	42.70%	0.869%

Sum of corrected areas: 976134523

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