

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092520\
 Data File : FE032814.D
 Signal(s) : FID1B.CH
 Acq On : 25 Sep 2020 12:56
 Sample : L4148-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE091420.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.362	2.323	2.393	BH	-296	-23138	-0.15%	-0.002%
2	2.403	2.393	2.409	PH	-1129	-11447	-0.07%	-0.001%
3	2.414	2.409	2.495	PH	-1181	-130079	-0.84%	-0.012%
4	2.508	2.495	2.518	PH	-3324	-49302	-0.32%	-0.005%
5	2.523	2.518	2.529	PH	-3739	-23306	-0.15%	-0.002%
6	2.549	2.529	2.585	PH	-1869	-95056	-0.61%	-0.009%
7	2.596	2.585	2.614	PH	-2453	-49649	-0.32%	-0.005%
8	2.626	2.614	2.666	PH	-2347	-115793	-0.75%	-0.011%
9	2.683	2.666	2.707	PH	-4224	-110324	-0.71%	-0.010%
10	2.725	2.707	2.769	PH	-3935	-178325	-1.15%	-0.017%
11	2.781	2.769	2.798	PH	-5322	-92540	-0.60%	-0.009%
12	2.816	2.798	2.884	PH	-1853	-230869	-1.49%	-0.022%
13	2.909	2.884	2.949	PH	-2954	-178402	-1.15%	-0.017%
14	2.971	2.949	2.978	PH	-4823	-91477	-0.59%	-0.009%
15	2.988	2.978	3.036	PH	-4528	-186326	-1.20%	-0.017%
16	3.081	3.036	3.221	PH	61630	1059293	6.84%	0.099%
17	3.233	3.221	3.240	PH	-4008	-47741	-0.31%	-0.004%
18	3.256	3.240	3.300	PH	-2607	-136874	-0.88%	-0.013%
19	3.311	3.300	3.330	PH	-3106	-73399	-0.47%	-0.007%
20	3.355	3.330	3.449	PH	-2402	-399453	-2.58%	-0.037%
21	3.463	3.449	3.498	PH	-6640	-203774	-1.32%	-0.019%
22	3.519	3.498	3.539	PH	-6803	-172784	-1.12%	-0.016%
23	3.565	3.539	3.605	PH	-6691	-285888	-1.84%	-0.027%
24	3.626	3.605	3.632	PH	-6867	-115866	-0.75%	-0.011%
25	3.652	3.632	3.662	PH	-6119	-116101	-0.75%	-0.011%
26	3.688	3.662	3.714	PH	-5566	-181753	-1.17%	-0.017%
27	3.734	3.714	3.804	PH	-4338	-308788	-1.99%	-0.029%
28	3.813	3.804	3.823	PH	-6831	-78115	-0.50%	-0.007%
29	3.826	3.823	3.836	PH	-6732	-54598	-0.35%	-0.005%
30	3.854	3.836	3.864	PH	-5204	-100535	-0.65%	-0.009%
31	3.874	3.864	3.910	PH	-5502	-178136	-1.15%	-0.017%
32	3.936	3.910	3.990	PH	-6374	-346777	-2.24%	-0.032%
33	4.039	3.990	4.072	PH	12066	-22055	-0.14%	-0.002%
34	4.102	4.072	4.147	PH	4697	-30559	-0.20%	-0.003%
35	4.172	4.147	4.196	PH	119120	1517096	9.79%	0.142%
36	4.205	4.196	4.316	HH	35036	453902	2.93%	0.042%

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37	4.321	4.316	4.339	PH	-4063	-56014	-0.36%	-0.005%
38	4.349	4.339	4.355	PH	-3912	-38505	-0.25%	-0.004%
39	4.374	4.355	4.394	PH	-3333	-86225	-0.56%	-0.008%
40	4.414	4.394	4.443	PH	313	-76838	-0.50%	-0.007%
41	4.464	4.443	4.478	PH	-3472	-81161	-0.52%	-0.008%
42	4.493	4.478	4.508	PH	-2226	-51485	-0.33%	-0.005%
43	4.523	4.508	4.529	PH	-1566	-28733	-0.19%	-0.003%
44	4.554	4.529	4.603	PH	1850	-61560	-0.40%	-0.006%
45	4.635	4.603	4.689	PH	37700	342709	2.21%	0.032%
46	4.696	4.689	4.724	PH	-4049	-104124	-0.67%	-0.010%
47	4.756	4.724	4.854	PH	18708	-15732	-0.10%	-0.001%
48	4.876	4.854	4.917	PH	-3726	-183674	-1.19%	-0.017%
49	4.934	4.917	4.950	PH	-4898	-105367	-0.68%	-0.010%
50	4.961	4.950	4.973	PH	-4802	-71154	-0.46%	-0.007%
51	5.010	4.973	5.037	PH	16782	19112	0.12%	0.002%
52	5.061	5.037	5.073	PH	-2887	-83214	-0.54%	-0.008%
53	5.089	5.073	5.124	PH	-664	-84856	-0.55%	-0.008%
54	5.132	5.124	5.139	PH	-4971	-45374	-0.29%	-0.004%
55	5.161	5.139	5.204	PH	1990	-78358	-0.51%	-0.007%
56	5.222	5.204	5.228	PH	2097	-6405	-0.04%	-0.001%
57	5.235	5.228	5.256	HH	2309	-7434	-0.05%	-0.001%
58	5.274	5.256	5.297	PH	8151	36129	0.23%	0.003%
59	5.302	5.297	5.317	PH	-2389	-37892	-0.24%	-0.004%
60	5.330	5.317	5.361	PH	-2979	-121038	-0.78%	-0.011%
61	5.398	5.361	5.434	PH	131844	1317204	8.50%	0.123%
62	5.445	5.434	5.481	HH	2045	-15366	-0.10%	-0.001%
63	5.505	5.481	5.545	PH	5350	1120	0.01%	0.000%
64	5.560	5.545	5.595	PH	-1764	-95412	-0.62%	-0.009%
65	5.612	5.595	5.650	PH	-2832	-115732	-0.75%	-0.011%
66	5.687	5.650	5.692	PH	-137	-49524	-0.32%	-0.005%
67	5.716	5.692	5.737	PH	6879	80208	0.52%	0.007%
68	5.755	5.737	5.759	HH	5917	49399	0.32%	0.005%
69	5.773	5.759	5.844	HH	12181	53515	0.35%	0.005%
70	5.877	5.844	5.884	PH	-2653	-82070	-0.53%	-0.008%
71	5.900	5.884	5.921	PH	-1609	-55714	-0.36%	-0.005%
72	5.941	5.921	5.947	PH	-1740	-40363	-0.26%	-0.004%
73	5.964	5.947	5.981	PH	243	-20688	-0.13%	-0.002%
74	6.002	5.981	6.056	PH	19850	244811	1.58%	0.023%
75	6.066	6.056	6.119	PH	186	-87147	-0.56%	-0.008%
76	6.139	6.119	6.169	PH	-1159	-97033	-0.63%	-0.009%
77	6.178	6.169	6.194	PH	-4641	-73110	-0.47%	-0.007%
78	6.215	6.194	6.244	PH	-4099	-137981	-0.89%	-0.013%
79	6.274	6.244	6.308	PH	-1200	-115138	-0.74%	-0.011%
80	6.314	6.308	6.336	PH	-3630	-64886	-0.42%	-0.006%
81	6.383	6.336	6.413	PH	60696	817412	5.28%	0.076%
82	6.436	6.413	6.452	HH	28021	308282	1.99%	0.029%
83	6.466	6.452	6.489	HH	20501	200113	1.29%	0.019%
84	6.500	6.489	6.553	PH	-22	-77395	-0.50%	-0.007%
85	6.574	6.553	6.596	PH	-1845	-80798	-0.52%	-0.008%
86	6.613	6.596	6.621	PH	-3998	-62733	-0.40%	-0.006%
87	6.624	6.621	6.644	PH	-3988	-58732	-0.38%	-0.005%
88	6.651	6.644	6.663	PH	-4391	-50614	-0.33%	-0.005%
89	6.681	6.663	6.698	PH	-3306	-80951	-0.52%	-0.008%

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90	6.702	6.698	6.728	PH	-4036	-78153	-0.50%	-0.007%
91	6.764	6.728	6.801	PH	-1394	-127399	-0.82%	-0.012%
92	6.831	6.801	6.847	PH	-2148	-87132	-0.56%	-0.008%
93	6.856	6.847	6.873	PH	-3046	-52442	-0.34%	-0.005%
94	6.915	6.873	6.933	PH	3969	-29233	-0.19%	-0.003%
95	6.945	6.933	6.951	PH	1673	12324	0.08%	0.001%
96	6.961	6.951	6.969	HH	2041	18297	0.12%	0.002%
97	6.987	6.969	7.020	HH	16046	169352	1.09%	0.016%
98	7.056	7.020	7.066	PH	7392	76245	0.49%	0.007%
99	7.070	7.066	7.093	HH	6243	50534	0.33%	0.005%
100	7.106	7.093	7.147	PH	-63	-32019	-0.21%	-0.003%
101	7.164	7.147	7.173	PH	-859	-25487	-0.16%	-0.002%
102	7.190	7.173	7.194	PH	2711	10934	0.07%	0.001%
103	7.201	7.194	7.237	HH	2803	10692	0.07%	0.001%
104	7.246	7.237	7.258	PH	-1873	-26070	-0.17%	-0.002%
105	7.277	7.258	7.296	PH	4546	9904	0.06%	0.001%
106	7.307	7.296	7.323	PH	-1737	-34499	-0.22%	-0.003%
107	7.351	7.323	7.396	PH	8391	103483	0.67%	0.010%
108	7.415	7.396	7.454	PH	3352	-29201	-0.19%	-0.003%
109	7.480	7.454	7.507	PH	1566	-25357	-0.16%	-0.002%
110	7.562	7.507	7.611	PH	7147	59081	0.38%	0.006%
111	7.633	7.611	7.663	PH	722	-29355	-0.19%	-0.003%
112	7.688	7.663	7.720	PH	-113	-46972	-0.30%	-0.004%
113	7.743	7.720	7.762	PH	19082	216601	1.40%	0.020%
114	7.774	7.762	7.787	HH	9239	118036	0.76%	0.011%
115	7.797	7.787	7.857	HH	7008	116557	0.75%	0.011%
116	7.863	7.857	7.868	PH	-351	-2517	-0.02%	-0.000%
117	7.870	7.868	7.894	PH	-327	-8460	-0.05%	-0.001%
118	7.918	7.894	7.928	PH	594	-1474	-0.01%	-0.000%
119	7.946	7.928	7.964	HH	1182	16404	0.11%	0.002%
120	7.978	7.964	8.012	PH	427	-4115	-0.03%	-0.000%
121	8.032	8.012	8.061	PH	3032	40604	0.26%	0.004%
122	8.080	8.061	8.106	HH	5784	92237	0.60%	0.009%
123	8.114	8.106	8.134	HH	3403	38826	0.25%	0.004%
124	8.150	8.134	8.162	HH	4525	44234	0.29%	0.004%
125	8.188	8.162	8.209	HH	51647	696434	4.49%	0.065%
126	8.215	8.209	8.254	HH	11783	141581	0.91%	0.013%
127	8.284	8.254	8.315	HH	208334	2229761	14.39%	0.208%
128	8.334	8.315	8.393	HH	37768	667828	4.31%	0.062%
129	8.405	8.393	8.409	HH	4004	34972	0.23%	0.003%
130	8.423	8.409	8.453	HH	4273	84936	0.55%	0.008%
131	8.463	8.453	8.529	HH	2341	44726	0.29%	0.004%
132	8.567	8.529	8.582	PH	6506	98428	0.64%	0.009%
133	8.603	8.582	8.613	HH	6442	95149	0.61%	0.009%
134	8.628	8.613	8.655	HH	12205	184482	1.19%	0.017%
135	8.674	8.655	8.691	HH	8318	140683	0.91%	0.013%
136	8.699	8.691	8.730	HH	5966	115257	0.74%	0.011%
137	8.751	8.730	8.788	HH	5685	121012	0.78%	0.011%
138	8.826	8.788	8.838	HH	3527	79599	0.51%	0.007%
139	8.841	8.838	8.852	HH	3421	28334	0.18%	0.003%
140	8.868	8.852	8.887	HH	4446	78232	0.50%	0.007%
141	8.907	8.887	8.934	HH	8148	163110	1.05%	0.015%

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142	8.958	8.934	9.014	HH	9035	248702	1.60%	0.023%
143	9.038	9.014	9.063	HH	11804	184879	1.19%	0.017%
144	9.087	9.063	9.122	HH	5582	140966	0.91%	0.013%
145	9.134	9.122	9.148	HH	2812	39241	0.25%	0.004%
146	9.165	9.148	9.179	HH	3396	53941	0.35%	0.005%
147	9.191	9.179	9.210	HH	4664	62924	0.41%	0.006%
148	9.234	9.210	9.256	HH	6388	141934	0.92%	0.013%
149	9.278	9.256	9.306	HH	6600	165485	1.07%	0.015%
150	9.328	9.306	9.354	HH	6826	157149	1.01%	0.015%
151	9.378	9.354	9.397	HH	16489	254984	1.65%	0.024%
152	9.414	9.397	9.444	HH	13576	271719	1.75%	0.025%
153	9.454	9.444	9.468	HH	7450	99462	0.64%	0.009%
154	9.490	9.468	9.519	HH	8011	207560	1.34%	0.019%
155	9.534	9.519	9.544	HH	7003	97011	0.63%	0.009%
156	9.560	9.544	9.576	HH	9897	157789	1.02%	0.015%
157	9.591	9.576	9.611	HH	8891	150234	0.97%	0.014%
158	9.650	9.611	9.664	HH	9270	231536	1.49%	0.022%
159	9.676	9.664	9.712	HH	8092	195781	1.26%	0.018%
160	9.735	9.712	9.745	HH	10400	163736	1.06%	0.015%
161	9.755	9.745	9.783	HH	10286	182692	1.18%	0.017%
162	9.817	9.783	9.851	HH	14418	372739	2.41%	0.035%
163	9.866	9.851	9.881	HH	9567	152941	0.99%	0.014%
164	9.897	9.881	9.910	HH	8788	138733	0.90%	0.013%
165	9.925	9.910	9.946	HH	8559	160721	1.04%	0.015%
166	9.970	9.946	10.003	HH	9885	262597	1.69%	0.025%
167	10.021	10.003	10.058	HH	6493	200583	1.29%	0.019%
168	10.080	10.058	10.104	HH	7531	189025	1.22%	0.018%
169	10.128	10.104	10.142	HH	10274	192748	1.24%	0.018%
170	10.154	10.142	10.182	HH	9388	204912	1.32%	0.019%
171	10.204	10.182	10.226	HH	11677	256133	1.65%	0.024%
172	10.269	10.226	10.281	HH	12797	348404	2.25%	0.033%
173	10.297	10.281	10.319	HH	13105	254432	1.64%	0.024%
174	10.341	10.319	10.381	HH	12546	383255	2.47%	0.036%
175	10.407	10.381	10.444	HH	14902	468320	3.02%	0.044%
176	10.475	10.444	10.498	HH	21115	522334	3.37%	0.049%
177	10.514	10.498	10.537	HH	17648	379930	2.45%	0.035%
178	10.553	10.537	10.568	HH	22135	344563	2.22%	0.032%
179	10.581	10.568	10.597	HH	19663	297517	1.92%	0.028%
180	10.624	10.597	10.658	HH	24688	655970	4.23%	0.061%
181	10.662	10.658	10.669	HH	13915	96011	0.62%	0.009%
182	10.681	10.669	10.699	HH	13979	244714	1.58%	0.023%
183	10.716	10.699	10.737	HH	14729	310205	2.00%	0.029%
184	10.751	10.737	10.762	HH	13226	201776	1.30%	0.019%
185	10.786	10.762	10.791	HH	15097	243118	1.57%	0.023%
186	10.816	10.791	10.871	HH	161778	2734132	17.64%	0.255%
187	10.892	10.871	10.976	HH	77236	1908768	12.32%	0.178%
188	11.002	10.976	11.024	HH	17925	482407	3.11%	0.045%
189	11.035	11.024	11.048	HH	15827	217803	1.41%	0.020%
190	11.066	11.048	11.092	HH	17553	444402	2.87%	0.042%
191	11.121	11.092	11.150	HH	30204	788795	5.09%	0.074%
192	11.161	11.150	11.166	HH	18552	171585	1.11%	0.016%
193	11.187	11.166	11.199	HH	20034	379357	2.45%	0.035%
194	11.234	11.199	11.244	HH	26980	619917	4.00%	0.058%

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195	11.256	11.244	11.274	HH	29617	464241	3.00%	0.043%
196	11.288	11.274	11.321	HH	25039	641687	4.14%	0.060%
197	11.345	11.321	11.382	HH	37295	1003701	6.48%	0.094%
198	11.416	11.382	11.434	HH	26637	723898	4.67%	0.068%
199	11.470	11.434	11.502	HH	35316	1142184	7.37%	0.107%
200	11.528	11.502	11.558	HH	45108	1071328	6.91%	0.100%
201	11.575	11.558	11.583	HH	27211	386442	2.49%	0.036%
202	11.620	11.583	11.635	HH	53437	1153451	7.44%	0.108%
203	11.652	11.635	11.697	HH	59110	1478509	9.54%	0.138%
204	11.732	11.697	11.753	HH	59140	1464629	9.45%	0.137%
205	11.768	11.753	11.783	HH	48224	742652	4.79%	0.069%
206	11.801	11.783	11.834	HH	55841	1264644	8.16%	0.118%
207	11.871	11.834	11.882	HH	32051	852640	5.50%	0.080%
208	11.927	11.882	11.939	HH	41532	1222474	7.89%	0.114%
209	11.951	11.939	11.972	HH	41362	747159	4.82%	0.070%
210	11.994	11.972	12.002	HH	46325	731980	4.72%	0.068%
211	12.022	12.002	12.064	HH	81586	1945404	12.55%	0.182%
212	12.091	12.064	12.136	HH	53294	1759001	11.35%	0.164%
213	12.153	12.136	12.163	HH	40798	641585	4.14%	0.060%
214	12.217	12.163	12.262	HH	378119	8608679	55.56%	0.804%
215	12.283	12.262	12.288	HH	42389	630699	4.07%	0.059%
216	12.303	12.288	12.307	HH	42587	495183	3.20%	0.046%
217	12.342	12.307	12.379	HH	46884	1880908	12.14%	0.176%
218	12.412	12.379	12.420	HH	49565	1105102	7.13%	0.103%
219	12.430	12.420	12.451	HH	50474	869302	5.61%	0.081%
220	12.483	12.451	12.501	HH	68162	1639183	10.58%	0.153%
221	12.520	12.501	12.540	HH	72089	1426936	9.21%	0.133%
222	12.565	12.540	12.581	HH	64207	1464305	9.45%	0.137%
223	12.588	12.581	12.610	HH	60865	962502	6.21%	0.090%
224	12.643	12.610	12.679	HH	449335	7054163	45.52%	0.659%
225	12.685	12.679	12.699	HH	54067	642044	4.14%	0.060%
226	12.726	12.699	12.754	HH	55735	1737191	11.21%	0.162%
227	12.778	12.754	12.793	HH	63547	1344271	8.68%	0.126%
228	12.821	12.793	12.850	HH	78073	2311115	14.91%	0.216%
229	12.859	12.850	12.906	HH	63228	1979175	12.77%	0.185%
230	12.941	12.906	12.977	HH	415886	6833091	44.10%	0.638%
231	12.991	12.977	13.008	HH	81808	1397556	9.02%	0.131%
232	13.026	13.008	13.054	HH	92508	2075933	13.40%	0.194%
233	13.060	13.054	13.080	HH	62089	965917	6.23%	0.090%
234	13.113	13.080	13.131	HH	73351	2014021	13.00%	0.188%
235	13.181	13.131	13.189	HH	80583	2421598	15.63%	0.226%
236	13.208	13.189	13.238	HH	100211	2502511	16.15%	0.234%
237	13.261	13.238	13.283	HH	102536	2339148	15.10%	0.219%
238	13.293	13.283	13.314	HH	84499	1494978	9.65%	0.140%
239	13.338	13.314	13.374	HH	83197	2738212	17.67%	0.256%
240	13.433	13.374	13.477	HH	253671	7575535	48.89%	0.708%
241	13.531	13.477	13.574	HH	137384	5470928	35.31%	0.511%
242	13.592	13.574	13.614	HH	83644	1922072	12.40%	0.180%
243	13.637	13.614	13.660	HH	120221	2708797	17.48%	0.253%
244	13.677	13.660	13.697	HH	109590	2180485	14.07%	0.204%
245	13.719	13.697	13.739	HH	103503	2328176	15.02%	0.218%
246	13.769	13.739	13.789	HH	116077	2979304	19.23%	0.278%

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247	13.807	13.789	13.830	HH	109290	2444779	15.78%	0.228%
248	13.848	13.830	13.870	HH	104957	2255495	14.56%	0.211%
249	13.874	13.870	13.890	HH	86852	1022209	6.60%	0.096%
250	13.906	13.890	13.911	HH	89046	1081611	6.98%	0.101%
251	13.920	13.911	13.946	HH	92261	1914535	12.36%	0.179%
252	13.995	13.946	14.029	HH	95777	4557236	29.41%	0.426%
253	14.034	14.029	14.041	HH	89424	642863	4.15%	0.060%
254	14.060	14.041	14.075	HH	89513	1797640	11.60%	0.168%
255	14.083	14.075	14.088	HH	89131	647731	4.18%	0.061%
256	14.119	14.088	14.125	HH	93648	2032722	13.12%	0.190%
257	14.166	14.125	14.198	HH	108058	4311107	27.82%	0.403%
258	14.242	14.198	14.252	HH	106098	3251438	20.98%	0.304%
259	14.277	14.252	14.304	HH	127539	3427432	22.12%	0.320%
260	14.331	14.304	14.384	HH	135387	5461415	35.24%	0.510%
261	14.405	14.384	14.422	HH	108795	2401999	15.50%	0.224%
262	14.447	14.422	14.479	HH	140059	4084253	26.36%	0.382%
263	14.509	14.479	14.542	HH	151278	4634504	29.91%	0.433%
264	14.581	14.542	14.631	HH	138752	6412312	41.38%	0.599%
265	14.674	14.631	14.712	HH	578491	12099428	78.08%	1.131%
266	14.720	14.712	14.749	HH	113525	2405852	15.53%	0.225%
267	14.758	14.749	14.769	HH	106748	1280296	8.26%	0.120%
268	14.826	14.769	14.846	HH	331715	8626389	55.67%	0.806%
269	14.867	14.846	14.902	HH	362091	7197221	46.45%	0.672%
270	14.920	14.902	14.940	HH	121345	2676290	17.27%	0.250%
271	14.946	14.940	14.951	HH	113088	724569	4.68%	0.068%
272	14.988	14.951	15.006	HH	145783	4235454	27.33%	0.396%
273	15.010	15.006	15.033	HH	132755	2044145	13.19%	0.191%
274	15.049	15.033	15.058	HH	117995	1705353	11.01%	0.159%
275	15.084	15.058	15.102	HH	123786	3150659	20.33%	0.294%
276	15.142	15.102	15.157	HH	132847	4076624	26.31%	0.381%
277	15.174	15.157	15.199	HH	131073	3175937	20.50%	0.297%
278	15.206	15.199	15.229	HH	122728	2129263	13.74%	0.199%
279	15.257	15.229	15.295	HH	388824	8661320	55.89%	0.809%
280	15.303	15.295	15.341	HH	132431	3487678	22.51%	0.326%
281	15.348	15.341	15.360	HH	121358	1410061	9.10%	0.132%
282	15.412	15.360	15.433	HH	207083	6925505	44.69%	0.647%
283	15.463	15.433	15.479	HH	144553	3740709	24.14%	0.350%
284	15.498	15.479	15.520	HH	177058	3730365	24.07%	0.349%
285	15.537	15.520	15.566	HH	147890	3800004	24.52%	0.355%
286	15.592	15.566	15.596	HH	133408	2334894	15.07%	0.218%
287	15.611	15.596	15.623	HH	137392	2156482	13.92%	0.201%
288	15.641	15.623	15.645	HH	151639	1962674	12.67%	0.183%
289	15.660	15.645	15.701	HH	156311	4787655	30.90%	0.447%
290	15.732	15.701	15.751	HH	141837	4100249	26.46%	0.383%
291	15.775	15.751	15.808	HH	142273	4655638	30.04%	0.435%
292	15.825	15.808	15.838	HH	136851	2379151	15.35%	0.222%
293	15.841	15.838	15.861	HH	134085	1847556	11.92%	0.173%
294	15.893	15.861	15.932	HH	182706	6490157	41.88%	0.606%
295	15.943	15.932	15.960	HH	142652	2287909	14.76%	0.214%
296	15.967	15.960	15.984	HH	135472	1926819	12.43%	0.180%
297	15.992	15.984	16.001	HH	134963	1388351	8.96%	0.130%
298	16.029	16.001	16.039	HH	137458	3097289	19.99%	0.289%
299	16.047	16.039	16.062	HH	138908	1875294	12.10%	0.175%

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300	16.097	16.062	16.118	HH	156133	4921001	31.76%	0.460%
301	16.138	16.118	16.158	HH	148950	3458319	22.32%	0.323%
302	16.185	16.158	16.215	HH	160393	5208297	33.61%	0.487%
303	16.228	16.215	16.236	HH	151775	1886670	12.18%	0.176%
304	16.271	16.236	16.291	HH	179770	5546797	35.80%	0.518%
305	16.304	16.291	16.324	HH	163409	3143859	20.29%	0.294%
306	16.344	16.324	16.355	HH	166821	2997580	19.34%	0.280%
307	16.397	16.355	16.415	HH	404468	9934504	64.11%	0.928%
308	16.421	16.415	16.452	HH	266027	4726631	30.50%	0.442%
309	16.463	16.452	16.484	HH	170464	3187981	20.57%	0.298%
310	16.524	16.484	16.545	HH	211742	6533944	42.17%	0.611%
311	16.550	16.545	16.567	HH	175174	2263859	14.61%	0.212%
312	16.586	16.567	16.626	HH	190577	6203447	40.03%	0.580%
313	16.648	16.626	16.654	HH	177877	2830839	18.27%	0.265%
314	16.675	16.654	16.694	HH	214137	4768734	30.77%	0.446%
315	16.719	16.694	16.749	HH	327454	7959560	51.37%	0.744%
316	16.779	16.749	16.815	HH	345062	9481288	61.19%	0.886%
317	16.847	16.815	16.856	HH	219856	4906657	31.66%	0.458%
318	16.876	16.856	16.910	HH	246012	6795283	43.85%	0.635%
319	16.935	16.910	16.947	HH	189359	4173628	26.93%	0.390%
320	16.952	16.947	16.961	HH	187364	1500881	9.69%	0.140%
321	16.977	16.961	16.990	HH	189002	3173956	20.48%	0.297%
322	17.025	16.990	17.052	HH	204075	7245678	46.76%	0.677%
323	17.058	17.052	17.061	HH	194278	1034619	6.68%	0.097%
324	17.090	17.061	17.109	HH	215575	5910755	38.14%	0.552%
325	17.162	17.109	17.195	HH	216555	10535230	67.99%	0.984%
326	17.223	17.195	17.239	HH	208150	5295065	34.17%	0.495%
327	17.268	17.239	17.279	HH	221287	5002929	32.29%	0.467%
328	17.295	17.279	17.322	HH	243566	5773659	37.26%	0.539%
329	17.328	17.322	17.348	HH	203542	3053115	19.70%	0.285%
330	17.367	17.348	17.373	HH	202899	3023730	19.51%	0.283%
331	17.379	17.373	17.398	HH	201067	2953612	19.06%	0.276%
332	17.415	17.398	17.432	HH	215671	4327777	27.93%	0.404%
333	17.439	17.432	17.460	HH	207545	3433089	22.16%	0.321%
334	17.471	17.460	17.497	HH	206876	4359229	28.13%	0.407%
335	17.502	17.497	17.529	HH	198811	3764257	24.29%	0.352%
336	17.543	17.529	17.551	HH	198036	2610916	16.85%	0.244%
337	17.572	17.551	17.581	HH	206692	3534070	22.81%	0.330%
338	17.586	17.581	17.608	HH	203140	3267277	21.09%	0.305%
339	17.635	17.608	17.662	HH	213385	6484230	41.85%	0.606%
340	17.684	17.662	17.693	HH	205528	3763191	24.29%	0.352%
341	17.732	17.693	17.764	HH	251602	9575480	61.79%	0.895%
342	17.779	17.764	17.799	HH	219413	4404383	28.42%	0.412%
343	17.807	17.799	17.814	HH	204303	1748619	11.28%	0.163%
344	17.822	17.814	17.834	HH	205724	2487347	16.05%	0.232%
345	17.882	17.834	17.944	HH	266217	15495724	100.00%	1.448%
346	17.965	17.944	17.995	HH	236060	6788508	43.81%	0.634%
347	17.999	17.995	18.011	HH	208849	1964609	12.68%	0.184%
348	18.021	18.011	18.028	HH	209483	2079223	13.42%	0.194%
349	18.067	18.028	18.077	HH	265290	7017945	45.29%	0.656%
350	18.097	18.077	18.133	HH	338869	9157631	59.10%	0.856%
351	18.160	18.133	18.187	HH	337052	9132594	58.94%	0.853%

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352	18.197	18.187	18.219	HH	247751	4620998	29.82%	0.432%
353	18.250	18.219	18.272	HH	298625	7942179	51.25%	0.742%
354	18.288	18.272	18.305	HH	248131	4789064	30.91%	0.447%
355	18.319	18.305	18.337	HH	244456	4430265	28.59%	0.414%
356	18.343	18.337	18.354	HH	220396	2289357	14.77%	0.214%
357	18.362	18.354	18.386	HH	221112	4107087	26.50%	0.384%
358	18.419	18.386	18.485	HH	310076	14451502	93.26%	1.350%
359	18.500	18.485	18.506	HH	219283	2688120	17.35%	0.251%
360	18.530	18.506	18.536	HH	225935	3984476	25.71%	0.372%
361	18.557	18.536	18.588	HH	267854	7583130	48.94%	0.709%
362	18.593	18.588	18.596	HH	214145	952192	6.14%	0.089%
363	18.599	18.596	18.612	HH	214810	2063564	13.32%	0.193%
364	18.632	18.612	18.647	HH	218320	4509374	29.10%	0.421%
365	18.670	18.647	18.695	HH	246250	6628658	42.78%	0.619%
366	18.721	18.695	18.759	HH	251840	8828922	56.98%	0.825%
367	18.767	18.759	18.776	HH	217914	2221276	14.33%	0.208%
368	18.781	18.776	18.796	HH	216480	2531790	16.34%	0.237%
369	18.805	18.796	18.820	HH	219855	3182465	20.54%	0.297%
370	18.851	18.820	18.874	HH	232184	7170213	46.27%	0.670%
371	18.894	18.874	18.903	HH	226287	3786907	24.44%	0.354%
372	18.926	18.903	18.957	HH	315292	8898676	57.43%	0.831%
373	18.973	18.957	18.986	HH	255216	4239597	27.36%	0.396%
374	18.997	18.986	19.039	HH	252271	7590097	48.98%	0.709%
375	19.061	19.039	19.082	HH	234744	5925605	38.24%	0.554%
376	19.113	19.082	19.134	HH	241720	7139930	46.08%	0.667%
377	19.155	19.134	19.163	HH	229468	3875484	25.01%	0.362%
378	19.173	19.163	19.194	HH	234893	4395075	28.36%	0.411%
379	19.206	19.194	19.225	HH	230556	4174789	26.94%	0.390%
380	19.239	19.225	19.247	HH	223737	2924528	18.87%	0.273%
381	19.261	19.247	19.303	HH	231401	7496042	48.37%	0.700%
382	19.321	19.303	19.329	HH	225647	3496981	22.57%	0.327%
383	19.345	19.329	19.359	HH	231076	4060560	26.20%	0.379%
384	19.376	19.359	19.388	HH	237377	4079734	26.33%	0.381%
385	19.401	19.388	19.408	HH	231591	2713349	17.51%	0.254%
386	19.421	19.408	19.446	HH	239797	5303478	34.23%	0.496%
387	19.465	19.446	19.496	HH	246288	6995555	45.15%	0.654%
388	19.501	19.496	19.509	HH	229971	1773938	11.45%	0.166%
389	19.538	19.509	19.549	HH	241362	5652416	36.48%	0.528%
390	19.585	19.549	19.606	HH	257289	8382739	54.10%	0.783%
391	19.618	19.606	19.626	HH	245264	2815158	18.17%	0.263%
392	19.657	19.626	19.675	HH	261620	7517484	48.51%	0.702%
393	19.713	19.675	19.739	HH	278850	10029644	64.73%	0.937%
394	19.750	19.739	19.762	HH	254263	3389603	21.87%	0.317%
395	19.769	19.762	19.795	HH	250656	4780541	30.85%	0.447%
396	19.801	19.795	19.811	HH	241849	2340032	15.10%	0.219%
397	19.835	19.811	19.846	HH	239296	4922670	31.77%	0.460%
398	19.876	19.846	19.881	HH	243461	4933468	31.84%	0.461%
399	19.887	19.881	19.913	HH	246539	4682680	30.22%	0.438%
400	19.923	19.913	19.932	HH	242948	2734883	17.65%	0.256%
401	19.937	19.932	19.943	HH	241268	1466680	9.47%	0.137%
402	19.978	19.943	20.029	HH	280977	13427225	86.65%	1.255%
403	20.038	20.029	20.051	HH	253533	3251374	20.98%	0.304%
404	20.060	20.051	20.074	HH	254296	3516183	22.69%	0.329%

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405	20.091	20.074	20.110	HH	260414	5506275	35.53%	0.514%
406	20.121	20.110	20.131	HH	251425	3041155	19.63%	0.284%
407	20.139	20.131	20.144	HH	251759	2066269	13.33%	0.193%
408	20.163	20.144	20.181	HH	259888	5562611	35.90%	0.520%
409	20.191	20.181	20.196	HH	247225	2284790	14.74%	0.213%
410	20.221	20.196	20.230	HH	251373	5023361	32.42%	0.469%
411	20.253	20.230	20.296	HH	308846	10866739	70.13%	1.015%
412	20.316	20.296	20.326	HH	257722	4547133	29.34%	0.425%
413	20.334	20.326	20.339	HH	256359	1965562	12.68%	0.184%
414	20.345	20.339	20.361	HH	253902	3316772	21.40%	0.310%
415	20.370	20.361	20.376	HH	253418	2221498	14.34%	0.208%
416	20.392	20.376	20.417	HH	256642	6157247	39.74%	0.575%
417	20.455	20.417	20.465	HH	263571	7499789	48.40%	0.701%
418	20.470	20.465	20.474	HH	254933	1411147	9.11%	0.132%
419	20.482	20.474	20.495	HH	256724	3123447	20.16%	0.292%
420	20.500	20.495	20.539	HH	249535	6428018	41.48%	0.601%
421	20.558	20.539	20.563	HH	248740	3576048	23.08%	0.334%
422	20.567	20.563	20.571	HH	248857	1210969	7.81%	0.113%
423	20.579	20.571	20.613	HH	248257	6074137	39.20%	0.568%
424	20.618	20.613	20.639	HH	244865	3805109	24.56%	0.356%
425	20.654	20.639	20.667	HH	242160	4004521	25.84%	0.374%
426	20.686	20.667	20.716	HH	238697	6964464	44.94%	0.651%
427	20.722	20.716	20.731	HH	233913	2088603	13.48%	0.195%
428	20.739	20.731	20.752	HH	235273	2895904	18.69%	0.271%
429	20.760	20.752	20.784	HH	236587	4587019	29.60%	0.429%
430	20.793	20.784	20.797	HH	233451	1746249	11.27%	0.163%
431	20.802	20.797	20.811	HH	234261	1933909	12.48%	0.181%
432	20.834	20.811	20.866	HH	243421	7695650	49.66%	0.719%
433	20.877	20.866	20.885	HH	227611	2575546	16.62%	0.241%
434	20.892	20.885	20.913	HH	226195	3739760	24.13%	0.349%
435	20.930	20.913	20.948	HH	227312	4767763	30.77%	0.445%
436	20.966	20.948	20.976	HH	222685	3703822	23.90%	0.346%
437	20.984	20.976	20.989	HH	220808	1704827	11.00%	0.159%
438	20.998	20.989	21.005	HH	223292	2067145	13.34%	0.193%
439	21.012	21.005	21.021	HH	223567	2164658	13.97%	0.202%
440	21.029	21.021	21.037	HH	220916	2098488	13.54%	0.196%
441	21.047	21.037	21.058	HH	218973	2708566	17.48%	0.253%
442	21.085	21.058	21.114	HH	221405	7282515	47.00%	0.680%
443	21.147	21.114	21.174	HH	217189	7719259	49.82%	0.721%
444	21.194	21.174	21.200	HH	215269	3330259	21.49%	0.311%
445	21.207	21.200	21.217	HH	216880	2115829	13.65%	0.198%
446	21.222	21.217	21.231	HH	211582	1850506	11.94%	0.173%
447	21.243	21.231	21.247	HH	217110	2025581	13.07%	0.189%
448	21.257	21.247	21.262	HH	221085	2005033	12.94%	0.187%
449	21.269	21.262	21.298	HH	222994	4535275	29.27%	0.424%
450	21.311	21.298	21.316	HH	208083	2329909	15.04%	0.218%
451	21.324	21.316	21.330	HH	208646	1652593	10.66%	0.154%
452	21.336	21.330	21.361	HH	209418	3896347	25.14%	0.364%
453	21.371	21.361	21.379	HH	207375	2167841	13.99%	0.203%
454	21.389	21.379	21.413	HH	207810	4108274	26.51%	0.384%
455	21.415	21.413	21.421	HH	201638	992006	6.40%	0.093%
456	21.434	21.421	21.442	HH	202565	2499013	16.13%	0.233%

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457	21.449	21.442	21.458	HH	202811	1920896	12.40%	0.179%	
458	21.466	21.458	21.478	HH	202116	2434231	15.71%	0.227%	
459	21.483	21.478	21.495	HH	199615	2003897	12.93%	0.187%	
460	21.513	21.495	21.525	HH	203936	3610675	23.30%	0.337%	
461	21.532	21.525	21.543	HH	200348	2242270	14.47%	0.210%	
462	21.548	21.543	21.573	HH	199599	3549559	22.91%	0.332%	
463	21.580	21.573	21.586	HH	197140	1421232	9.17%	0.133%	
464	21.603	21.586	21.608	HH	198328	2597756	16.76%	0.243%	
465	21.616	21.608	21.645	HH	201877	4356930	28.12%	0.407%	
466	21.665	21.645	21.683	HH	196474	4499933	29.04%	0.420%	
467	21.691	21.683	21.712	HH	195524	3259478	21.03%	0.305%	
468	21.744	21.712	21.751	HH	201473	4622646	29.83%	0.432%	
469	21.757	21.751	21.806	HH	202705	6471362	41.76%	0.605%	
					Sum of corrected areas:				1070243269

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