

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092520\
 Data File : FE032816.D
 Signal(s) : FID1B.CH
 Acq On : 25 Sep 2020 14:03
 Sample : L4148-01MS
 Misc :
 ALS Vial : 7 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	2.360	2.322	2.498	BH	500101	5220088	22.84%	0.376%
2	2.506	2.498	2.531	PH	-3193	-68818	-0.30%	-0.005%
3	2.548	2.531	2.586	PH	-1453	-90708	-0.40%	-0.007%
4	2.597	2.586	2.614	PH	-2188	-45139	-0.20%	-0.003%
5	2.626	2.614	2.672	PH	-1734	-135021	-0.59%	-0.010%
6	2.695	2.672	2.708	PH	-5021	-110862	-0.49%	-0.008%
7	2.727	2.708	2.771	PH	-3380	-182502	-0.80%	-0.013%
8	2.776	2.771	2.797	PH	-6008	-97447	-0.43%	-0.007%
9	2.819	2.797	2.887	PH	-503	-207929	-0.91%	-0.015%
10	2.912	2.887	2.952	PH	-1355	-145268	-0.64%	-0.010%
11	2.971	2.952	2.979	PH	-3935	-72379	-0.32%	-0.005%
12	2.989	2.979	3.034	PH	-3895	-165970	-0.73%	-0.012%
13	3.083	3.034	3.226	PH	148686	3052520	13.36%	0.220%
14	3.236	3.226	3.244	PH	-3074	-35171	-0.15%	-0.003%
15	3.263	3.244	3.286	PH	-708	-47375	-0.21%	-0.003%
16	3.310	3.286	3.335	PH	3575	-23877	-0.10%	-0.002%
17	3.356	3.335	3.411	PH	174	-168273	-0.74%	-0.012%
18	3.417	3.411	3.449	PH	-6201	-155663	-0.68%	-0.011%
19	3.464	3.449	3.514	PH	-7027	-285888	-1.25%	-0.021%
20	3.520	3.514	3.537	PH	-7464	-108952	-0.48%	-0.008%
21	3.578	3.537	3.610	PH	-6604	-322177	-1.41%	-0.023%
22	3.650	3.610	3.659	PH	-6640	-210629	-0.92%	-0.015%
23	3.689	3.659	3.719	PH	-3685	-175049	-0.77%	-0.013%
24	3.754	3.719	3.823	PH	-2143	-290786	-1.27%	-0.021%
25	3.833	3.823	3.841	PH	-6734	-71550	-0.31%	-0.005%
26	3.858	3.841	3.869	PH	-3879	-85315	-0.37%	-0.006%
27	3.878	3.869	3.914	PH	-3956	-152250	-0.67%	-0.011%
28	3.939	3.914	3.992	PH	-6448	-356917	-1.56%	-0.026%
29	4.042	3.992	4.085	PH	26807	200154	0.88%	0.014%
30	4.121	4.085	4.151	PH	12355	106638	0.47%	0.008%
31	4.177	4.151	4.199	PH	229388	3000943	13.13%	0.216%
32	4.208	4.199	4.324	HH	80616	1197547	5.24%	0.086%
33	4.329	4.324	4.341	PH	-4314	-44028	-0.19%	-0.003%
34	4.352	4.341	4.362	PH	-4127	-57841	-0.25%	-0.004%
35	4.380	4.362	4.392	PH	-3892	-74248	-0.32%	-0.005%
36	4.420	4.392	4.479	PH	589886	6077186	26.59%	0.438%

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37	4.497	4.479	4.515	PH	2776	-5398	-0.02%	-0.000%
38	4.526	4.515	4.536	PH	-943	-18682	-0.08%	-0.001%
39	4.555	4.536	4.561	PH	6358	41872	0.18%	0.003%
40	4.570	4.561	4.607	HH	7391	80556	0.35%	0.006%
41	4.639	4.607	4.728	PH	149237	1765023	7.72%	0.127%
42	4.760	4.728	4.855	PH	23461	104438	0.46%	0.008%
43	4.877	4.855	4.917	PH	138	-105675	-0.46%	-0.008%
44	4.936	4.917	4.975	PH	-306	-113504	-0.50%	-0.008%
45	5.014	4.975	5.038	PH	21630	101003	0.44%	0.007%
46	5.092	5.038	5.130	PH	8289	1877	0.01%	0.000%
47	5.164	5.130	5.184	PH	17001	140045	0.61%	0.010%
48	5.188	5.184	5.209	HH	3280	15064	0.07%	0.001%
49	5.228	5.209	5.233	PH	14859	109018	0.48%	0.008%
50	5.239	5.233	5.261	HH	15615	138938	0.61%	0.010%
51	5.280	5.261	5.301	PH	26724	257634	1.13%	0.019%
52	5.306	5.301	5.323	HH	1455	-466	-0.00%	-0.000%
53	5.334	5.323	5.363	PH	-552	-80394	-0.35%	-0.006%
54	5.404	5.363	5.438	PH	339315	3506769	15.34%	0.253%
55	5.450	5.438	5.482	HH	8655	116122	0.51%	0.008%
56	5.509	5.482	5.550	PH	20353	235334	1.03%	0.017%
57	5.565	5.550	5.603	PH	-14	-79761	-0.35%	-0.006%
58	5.616	5.603	5.632	PH	-4022	-78652	-0.34%	-0.006%
59	5.652	5.632	5.656	PH	-4201	-63837	-0.28%	-0.005%
60	5.686	5.656	5.697	PH	2213	-29300	-0.13%	-0.002%
61	5.719	5.697	5.741	HH	26677	310686	1.36%	0.022%
62	5.759	5.741	5.765	HH	19020	166589	0.73%	0.012%
63	5.778	5.765	5.818	HH	37274	440938	1.93%	0.032%
64	5.834	5.818	5.859	HH	3246	26385	0.12%	0.002%
65	5.906	5.859	5.926	PH	942	-49247	-0.22%	-0.004%
66	5.945	5.926	5.952	PH	2584	9821	0.04%	0.001%
67	5.968	5.952	5.987	HH	7070	83138	0.36%	0.006%
68	6.006	5.987	6.057	HH	29704	459199	2.01%	0.033%
69	6.066	6.057	6.086	HH	4939	50170	0.22%	0.004%
70	6.093	6.086	6.120	PH	517	-35395	-0.15%	-0.003%
71	6.144	6.120	6.171	PH	-210	-86533	-0.38%	-0.006%
72	6.185	6.171	6.202	PH	-3420	-78887	-0.35%	-0.006%
73	6.222	6.202	6.247	PH	-3191	-103911	-0.45%	-0.007%
74	6.278	6.247	6.289	PH	1412	-16349	-0.07%	-0.001%
75	6.296	6.289	6.316	HH	792	-14544	-0.06%	-0.001%
76	6.323	6.316	6.342	PH	-2854	-50598	-0.22%	-0.004%
77	6.366	6.342	6.374	PH	66946	580581	2.54%	0.042%
78	6.388	6.374	6.408	HH	150919	1711948	7.49%	0.123%
79	6.433	6.408	6.458	HH	672310	7307827	31.98%	0.526%
80	6.472	6.458	6.494	HH	58730	627996	2.75%	0.045%
81	6.501	6.494	6.525	HH	5058	54669	0.24%	0.004%
82	6.535	6.525	6.557	HH	587	-11334	-0.05%	-0.001%
83	6.576	6.557	6.599	PH	-16	-44141	-0.19%	-0.003%
84	6.631	6.599	6.650	PH	-2312	-94461	-0.41%	-0.007%
85	6.683	6.650	6.730	PH	-217	-117402	-0.51%	-0.008%
86	6.768	6.730	6.808	PH	4268	7128	0.03%	0.001%
87	6.837	6.808	6.876	PH	2144	-38060	-0.17%	-0.003%
88	6.890	6.876	6.902	PH	-1223	-28623	-0.13%	-0.002%
89	6.924	6.902	6.938	PH	8431	77842	0.34%	0.006%

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90	6.965	6.938	6.972	HH	8260	136630	0.60%	0.010%
91	6.991	6.972	7.026	HH	64571	755360	3.31%	0.054%
92	7.062	7.026	7.071	HH	14820	220000	0.96%	0.016%
93	7.076	7.071	7.098	HH	13664	127993	0.56%	0.009%
94	7.110	7.098	7.123	HH	2182	25323	0.11%	0.002%
95	7.134	7.123	7.151	HH	1326	10521	0.05%	0.001%
96	7.169	7.151	7.180	PH	5080	40667	0.18%	0.003%
97	7.194	7.180	7.240	HH	8593	127259	0.56%	0.009%
98	7.252	7.240	7.262	PH	-160	-6494	-0.03%	-0.000%
99	7.282	7.262	7.301	PH	17952	158333	0.69%	0.011%
100	7.312	7.301	7.328	HH	2427	15941	0.07%	0.001%
101	7.360	7.328	7.400	PH	30309	489828	2.14%	0.035%
102	7.419	7.400	7.456	HH	14469	129449	0.57%	0.009%
103	7.484	7.456	7.512	PH	7400	75102	0.33%	0.005%
104	7.546	7.512	7.555	HH	18425	211667	0.93%	0.015%
105	7.567	7.555	7.588	HH	25127	288054	1.26%	0.021%
106	7.600	7.588	7.620	HH	5293	82241	0.36%	0.006%
107	7.636	7.620	7.659	HH	5339	66234	0.29%	0.005%
108	7.666	7.659	7.672	PH	-93	-1098	-0.00%	-0.000%
109	7.692	7.672	7.722	PH	4373	42252	0.18%	0.003%
110	7.747	7.722	7.771	PH	77004	950124	4.16%	0.068%
111	7.779	7.771	7.790	HH	18579	202875	0.89%	0.015%
112	7.800	7.790	7.821	HH	18608	259184	1.13%	0.019%
113	7.828	7.821	7.862	HH	8153	136078	0.60%	0.010%
114	7.869	7.862	7.875	HH	2847	21494	0.09%	0.002%
115	7.891	7.875	7.905	HH	3596	60884	0.27%	0.004%
116	7.921	7.905	7.932	HH	6586	85444	0.37%	0.006%
117	7.948	7.932	7.969	HH	7477	121386	0.53%	0.009%
118	7.983	7.969	7.999	HH	5514	69623	0.30%	0.005%
119	8.004	7.999	8.016	HH	2503	19818	0.09%	0.001%
120	8.036	8.016	8.068	HH	9971	195236	0.85%	0.014%
121	8.096	8.068	8.138	HH	11552	308420	1.35%	0.022%
122	8.155	8.138	8.164	HH	11178	121669	0.53%	0.009%
123	8.195	8.164	8.201	HH	46997	686985	3.01%	0.049%
124	8.226	8.201	8.259	HH	615890	6962112	30.46%	0.502%
125	8.293	8.259	8.321	HH	279278	3178296	13.91%	0.229%
126	8.340	8.321	8.395	HH	45627	866745	3.79%	0.062%
127	8.410	8.395	8.419	HH	9172	118160	0.52%	0.009%
128	8.429	8.419	8.460	HH	9007	167233	0.73%	0.012%
129	8.477	8.460	8.502	HH	6806	121135	0.53%	0.009%
130	8.508	8.502	8.522	HH	2748	30405	0.13%	0.002%
131	8.569	8.522	8.589	HH	21306	331025	1.45%	0.024%
132	8.608	8.589	8.620	HH	15690	226106	0.99%	0.016%
133	8.634	8.620	8.656	HH	19900	294067	1.29%	0.021%
134	8.678	8.656	8.735	HH	20144	564161	2.47%	0.041%
135	8.755	8.735	8.795	HH	10766	262898	1.15%	0.019%
136	8.806	8.795	8.810	HH	5126	45757	0.20%	0.003%
137	8.845	8.810	8.857	HH	7109	171314	0.75%	0.012%
138	8.875	8.857	8.891	HH	9890	162903	0.71%	0.012%
139	8.910	8.891	8.936	HH	14761	269805	1.18%	0.019%
140	8.962	8.936	9.013	HH	12721	420548	1.84%	0.030%
141	9.043	9.013	9.067	HH	20906	360118	1.58%	0.026%

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142	9.083	9.067	9.096	HH	9897	145156	0.64%	0.010%
143	9.107	9.096	9.126	HH	8858	143313	0.63%	0.010%
144	9.132	9.126	9.155	HH	7089	113406	0.50%	0.008%
145	9.169	9.155	9.180	HH	6973	96065	0.42%	0.007%
146	9.198	9.180	9.212	HH	9018	141033	0.62%	0.010%
147	9.233	9.212	9.265	HH	15753	370492	1.62%	0.027%
148	9.283	9.265	9.316	HH	13545	339228	1.48%	0.024%
149	9.331	9.316	9.360	HH	12614	275680	1.21%	0.020%
150	9.385	9.360	9.402	HH	23735	385110	1.69%	0.028%
151	9.419	9.402	9.472	HH	21799	573978	2.51%	0.041%
152	9.495	9.472	9.523	HH	13608	345006	1.51%	0.025%
153	9.565	9.523	9.581	HH	14634	402241	1.76%	0.029%
154	9.594	9.581	9.614	HH	16299	261477	1.14%	0.019%
155	9.655	9.614	9.671	HH	14374	408872	1.79%	0.029%
156	9.684	9.671	9.689	HH	11647	120298	0.53%	0.009%
157	9.694	9.689	9.715	HH	11617	167111	0.73%	0.012%
158	9.739	9.715	9.785	HH	14940	503249	2.20%	0.036%
159	9.825	9.785	9.858	HH	611221	7056640	30.88%	0.508%
160	9.869	9.858	9.888	HH	15808	264120	1.16%	0.019%
161	9.900	9.888	9.917	HH	15334	243029	1.06%	0.018%
162	9.927	9.917	9.947	HH	13549	221038	0.97%	0.016%
163	9.975	9.947	10.014	HH	15354	479600	2.10%	0.035%
164	10.035	10.014	10.053	HH	11690	256739	1.12%	0.018%
165	10.083	10.053	10.112	HH	13369	402776	1.76%	0.029%
166	10.132	10.112	10.148	HH	17033	310245	1.36%	0.022%
167	10.158	10.148	10.182	HH	15195	282964	1.24%	0.020%
168	10.209	10.182	10.235	HH	18395	461693	2.02%	0.033%
169	10.271	10.235	10.284	HH	19365	463030	2.03%	0.033%
170	10.299	10.284	10.323	HH	20277	385439	1.69%	0.028%
171	10.346	10.323	10.383	HH	18645	549974	2.41%	0.040%
172	10.410	10.383	10.453	HH	21699	721342	3.16%	0.052%
173	10.479	10.453	10.507	HH	30891	731254	3.20%	0.053%
174	10.530	10.507	10.542	HH	21964	430762	1.88%	0.031%
175	10.558	10.542	10.576	HH	31656	513328	2.25%	0.037%
176	10.589	10.576	10.600	HH	22213	310689	1.36%	0.022%
177	10.628	10.600	10.674	HH	35980	1097969	4.80%	0.079%
178	10.688	10.674	10.702	HH	19298	307419	1.35%	0.022%
179	10.719	10.702	10.739	HH	20436	405031	1.77%	0.029%
180	10.752	10.739	10.767	HH	17706	296189	1.30%	0.021%
181	10.788	10.767	10.797	HH	20427	330696	1.45%	0.024%
182	10.822	10.797	10.843	HH	218483	2805425	12.28%	0.202%
183	10.849	10.843	10.875	HH	52674	731548	3.20%	0.053%
184	10.899	10.875	10.929	HH	98427	1603316	7.02%	0.116%
185	10.950	10.929	10.983	HH	25447	761146	3.33%	0.055%
186	10.998	10.983	11.048	HH	22608	809206	3.54%	0.058%
187	11.077	11.048	11.100	HH	23648	688661	3.01%	0.050%
188	11.123	11.100	11.158	HH	41574	1041435	4.56%	0.075%
189	11.185	11.158	11.199	HH	24941	578294	2.53%	0.042%
190	11.220	11.199	11.227	HH	30450	452250	1.98%	0.033%
191	11.266	11.227	11.323	HH	591285	8261374	36.15%	0.595%
192	11.348	11.323	11.381	HH	49173	1214922	5.32%	0.088%
193	11.387	11.381	11.392	HH	25250	169156	0.74%	0.012%
194	11.420	11.392	11.442	HH	36696	910374	3.98%	0.066%

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195	11.477	11.442	11.506	HH	43568	1324276	5.79%	0.095%
196	11.534	11.506	11.563	HH	56253	1340562	5.87%	0.097%
197	11.577	11.563	11.590	HH	33132	524832	2.30%	0.038%
198	11.626	11.590	11.641	HH	66676	1383161	6.05%	0.100%
199	11.657	11.641	11.696	HH	77157	1658159	7.26%	0.119%
200	11.740	11.696	11.759	HH	68932	1887298	8.26%	0.136%
201	11.774	11.759	11.789	HH	57872	888333	3.89%	0.064%
202	11.807	11.789	11.840	HH	70579	1536105	6.72%	0.111%
203	11.878	11.840	11.886	HH	37589	980561	4.29%	0.071%
204	11.932	11.886	11.947	HH	49730	1562706	6.84%	0.113%
205	11.964	11.947	11.981	HH	49151	907298	3.97%	0.065%
206	12.001	11.981	12.010	HH	58306	877753	3.84%	0.063%
207	12.028	12.010	12.074	HH	86325	2228045	9.75%	0.161%
208	12.098	12.074	12.124	HH	65415	1535276	6.72%	0.111%
209	12.135	12.124	12.142	HH	45021	476396	2.08%	0.034%
210	12.165	12.142	12.171	HH	50186	829618	3.63%	0.060%
211	12.227	12.171	12.264	HH	450769	10057395	44.01%	0.725%
212	12.288	12.264	12.309	HH	50894	1336153	5.85%	0.096%
213	12.346	12.309	12.360	HH	54096	1591537	6.96%	0.115%
214	12.369	12.360	12.387	HH	51866	800935	3.50%	0.058%
215	12.418	12.387	12.426	HH	59618	1247099	5.46%	0.090%
216	12.436	12.426	12.460	HH	58986	1117104	4.89%	0.080%
217	12.490	12.460	12.509	HH	78882	1892543	8.28%	0.136%
218	12.527	12.509	12.545	HH	84438	1551586	6.79%	0.112%
219	12.578	12.545	12.618	HH	621441	9490897	41.53%	0.684%
220	12.650	12.618	12.693	HH	552093	8508080	37.23%	0.613%
221	12.697	12.693	12.709	HH	61051	573301	2.51%	0.041%
222	12.732	12.709	12.764	HH	64561	2037806	8.92%	0.147%
223	12.787	12.764	12.805	HH	74218	1669221	7.30%	0.120%
224	12.828	12.805	12.851	HH	89801	2228304	9.75%	0.161%
225	12.863	12.851	12.875	HH	74208	1023153	4.48%	0.074%
226	12.881	12.875	12.884	HH	70799	399839	1.75%	0.029%
227	12.887	12.884	12.914	HH	70723	1196846	5.24%	0.086%
228	12.949	12.914	12.986	HH	499933	8278532	36.22%	0.596%
229	13.000	12.986	13.015	HH	96528	1550496	6.78%	0.112%
230	13.032	13.015	13.062	HH	114360	2522674	11.04%	0.182%
231	13.075	13.062	13.091	HH	73709	1249303	5.47%	0.090%
232	13.118	13.091	13.137	HH	87117	2129660	9.32%	0.153%
233	13.158	13.137	13.163	HH	80971	1195489	5.23%	0.086%
234	13.184	13.163	13.196	HH	93434	1692705	7.41%	0.122%
235	13.215	13.196	13.245	HH	125268	3025991	13.24%	0.218%
236	13.268	13.245	13.286	HH	125190	2561549	11.21%	0.185%
237	13.299	13.286	13.318	HH	105552	1883875	8.24%	0.136%
238	13.344	13.318	13.380	HH	99568	3386938	14.82%	0.244%
239	13.444	13.380	13.477	HH	352647	9512832	41.62%	0.685%
240	13.537	13.477	13.581	HH	166789	6984011	30.56%	0.503%
241	13.601	13.581	13.618	HH	101228	2154364	9.43%	0.155%
242	13.643	13.618	13.664	HH	150227	3314559	14.50%	0.239%
243	13.683	13.664	13.705	HH	136836	2853845	12.49%	0.206%
244	13.725	13.705	13.744	HH	116600	2522991	11.04%	0.182%
245	13.777	13.744	13.800	HH	640364	10328753	45.19%	0.744%
246	13.813	13.800	13.836	HH	137488	2612293	11.43%	0.188%

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247	13.854	13.836	13.883	HH	126507	3181884	13.92%	0.229%
248	13.888	13.883	13.896	HH	104100	797464	3.49%	0.057%
249	13.918	13.896	13.926	HH	107773	1871795	8.19%	0.135%
250	13.933	13.926	13.958	HH	109260	2047616	8.96%	0.148%
251	13.986	13.958	13.994	HH	115148	2381000	10.42%	0.172%
252	14.011	13.994	14.034	HH	118609	2679307	11.72%	0.193%
253	14.041	14.034	14.055	HH	107198	1353541	5.92%	0.098%
254	14.068	14.055	14.081	HH	109963	1657961	7.25%	0.119%
255	14.098	14.081	14.106	HH	109845	1604687	7.02%	0.116%
256	14.118	14.106	14.122	HH	111876	1065820	4.66%	0.077%
257	14.128	14.122	14.132	HH	112516	670785	2.94%	0.048%
258	14.167	14.132	14.199	HH	128846	4742731	20.75%	0.342%
259	14.242	14.199	14.258	HH	133312	4367590	19.11%	0.315%
260	14.283	14.258	14.312	HH	162406	4374404	19.14%	0.315%
261	14.339	14.312	14.373	HH	155212	4944140	21.63%	0.356%
262	14.384	14.373	14.398	HH	130291	1912998	8.37%	0.138%
263	14.412	14.398	14.427	HH	128819	2240848	9.80%	0.161%
264	14.452	14.427	14.489	HH	177795	5405768	23.65%	0.389%
265	14.519	14.489	14.545	HH	189668	5170385	22.62%	0.372%
266	14.589	14.545	14.623	HH	176786	7062959	30.90%	0.509%
267	14.638	14.623	14.645	HH	134470	1713761	7.50%	0.123%
268	14.677	14.645	14.759	HH	528165	14941565	65.38%	1.076%
269	14.764	14.759	14.772	HH	128609	964372	4.22%	0.069%
270	14.796	14.772	14.804	HH	152273	2708608	11.85%	0.195%
271	14.835	14.804	14.853	HH	427824	8454923	36.99%	0.609%
272	14.880	14.853	14.909	HH	928957	15371394	67.26%	1.107%
273	14.923	14.909	14.940	HH	143643	2582145	11.30%	0.186%
274	14.948	14.940	14.952	HH	140002	1062635	4.65%	0.077%
275	14.958	14.952	14.964	HH	140602	969071	4.24%	0.070%
276	14.993	14.964	15.008	HH	175172	4278042	18.72%	0.308%
277	15.014	15.008	15.047	HH	166930	3591000	15.71%	0.259%
278	15.052	15.047	15.056	HH	142218	778164	3.40%	0.056%
279	15.087	15.056	15.121	HH	158646	5710773	24.99%	0.411%
280	15.147	15.121	15.167	HH	166323	4241068	18.56%	0.306%
281	15.181	15.167	15.207	HH	164115	3844851	16.82%	0.277%
282	15.214	15.207	15.232	HH	153145	2230317	9.76%	0.161%
283	15.262	15.232	15.361	HH	378710	14965252	65.48%	1.078%
284	15.421	15.361	15.445	HH	333266	10346529	45.27%	0.745%
285	15.468	15.445	15.483	HH	175975	3794748	16.60%	0.273%
286	15.508	15.483	15.529	HH	228228	5252081	22.98%	0.378%
287	15.544	15.529	15.566	HH	186795	3785792	16.56%	0.273%
288	15.572	15.566	15.580	HH	161454	1344690	5.88%	0.097%
289	15.621	15.580	15.633	HH	176371	5375566	23.52%	0.387%
290	15.664	15.633	15.704	HH	196156	7708796	33.73%	0.555%
291	15.741	15.704	15.757	HH	178754	5424749	23.74%	0.391%
292	15.780	15.757	15.787	HH	171696	3006775	13.16%	0.217%
293	15.792	15.787	15.811	HH	170453	2322193	10.16%	0.167%
294	15.831	15.811	15.848	HH	174860	3768145	16.49%	0.271%
295	15.862	15.848	15.867	HH	162107	1818850	7.96%	0.131%
296	15.904	15.867	15.964	HH	688989	16487115	72.14%	1.188%
297	15.974	15.964	15.986	HH	168058	2157077	9.44%	0.155%
298	15.999	15.986	16.011	HH	167739	2488080	10.89%	0.179%
299	16.026	16.011	16.036	HH	169123	2511901	10.99%	0.181%

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300	16.052	16.036	16.063	HH	172828	2774454	12.14%	0.200%
301	16.102	16.063	16.129	HH	194684	7073654	30.95%	0.510%
302	16.146	16.129	16.165	HH	187011	3853451	16.86%	0.278%
303	16.194	16.165	16.232	HH	202021	7668852	33.56%	0.552%
304	16.272	16.232	16.296	HH	218297	7673378	33.58%	0.553%
305	16.320	16.296	16.339	HH	202123	5008549	21.92%	0.361%
306	16.356	16.339	16.365	HH	205272	3125136	13.67%	0.225%
307	16.409	16.365	16.426	HH	504730	12558356	54.95%	0.905%
308	16.433	16.426	16.455	HH	339755	4864509	21.28%	0.350%
309	16.471	16.455	16.494	HH	250225	5213530	22.81%	0.376%
310	16.535	16.494	16.569	HH	263066	10052020	43.98%	0.724%
311	16.590	16.569	16.624	HH	235467	7075092	30.96%	0.510%
312	16.649	16.624	16.661	HH	221143	4772868	20.88%	0.344%
313	16.682	16.661	16.700	HH	248400	5416877	23.70%	0.390%
314	16.730	16.700	16.758	HH	410557	10218273	44.71%	0.736%
315	16.790	16.758	16.819	HH	453561	11166297	48.86%	0.804%
316	16.854	16.819	16.876	HH	684298	14075347	61.59%	1.014%
317	16.883	16.876	16.924	HH	293640	7119793	31.15%	0.513%
318	16.942	16.924	16.948	HH	227781	3294025	14.41%	0.237%
319	16.963	16.948	16.981	HH	226349	4427083	19.37%	0.319%
320	16.992	16.981	17.005	HH	225051	3199883	14.00%	0.231%
321	17.036	17.005	17.054	HH	248092	6881080	30.11%	0.496%
322	17.058	17.054	17.070	HH	240178	2307474	10.10%	0.166%
323	17.098	17.070	17.116	HH	250610	6635265	29.03%	0.478%
324	17.150	17.116	17.157	HH	255826	6104530	26.71%	0.440%
325	17.171	17.157	17.175	HH	257862	2720231	11.90%	0.196%
326	17.183	17.175	17.202	HH	261191	3945210	17.26%	0.284%
327	17.227	17.202	17.234	HH	242794	4628622	20.25%	0.333%
328	17.245	17.234	17.254	HH	242589	2881969	12.61%	0.208%
329	17.291	17.254	17.298	HH	271753	6773827	29.64%	0.488%
330	17.303	17.298	17.340	HH	274958	6386802	27.95%	0.460%
331	17.347	17.340	17.354	HH	238386	1919355	8.40%	0.138%
332	17.376	17.354	17.391	HH	242904	5287739	23.14%	0.381%
333	17.414	17.391	17.421	HH	248143	4308897	18.85%	0.310%
334	17.428	17.421	17.437	HH	247651	2392536	10.47%	0.172%
335	17.450	17.437	17.474	HH	250883	5443700	23.82%	0.392%
336	17.484	17.474	17.512	HH	242283	5444376	23.82%	0.392%
337	17.516	17.512	17.544	HH	235883	4419218	19.34%	0.318%
338	17.567	17.544	17.577	HH	236648	4574680	20.02%	0.330%
339	17.596	17.577	17.617	HH	241437	5668837	24.80%	0.408%
340	17.647	17.617	17.666	HH	249873	6982089	30.55%	0.503%
341	17.671	17.666	17.687	HH	238070	2979250	13.04%	0.215%
342	17.744	17.687	17.770	HH	702896	18528871	81.07%	1.335%
343	17.786	17.770	17.806	HH	254358	5367521	23.49%	0.387%
344	17.813	17.806	17.842	HH	237808	5056954	22.13%	0.364%
345	17.887	17.842	17.912	HH	310643	11607111	50.79%	0.836%
346	17.917	17.912	17.927	HH	280298	2409783	10.54%	0.174%
347	17.940	17.927	17.959	HH	276096	5100378	22.32%	0.367%
348	17.976	17.959	18.019	HH	267717	9158651	40.07%	0.660%
349	18.026	18.019	18.034	HH	242398	2200536	9.63%	0.159%
350	18.071	18.034	18.076	HH	319074	6980001	30.54%	0.503%
351	18.078	18.076	18.083	HH	315924	1193683	5.22%	0.086%

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352	18.101	18.083	18.132	HH	362874	9217972	40.33%	0.664%
353	18.172	18.132	18.194	HH	403871	11896775	52.05%	0.857%
354	18.205	18.194	18.234	HH	294659	6736171	29.47%	0.485%
355	18.256	18.234	18.281	HH	326040	8208128	35.92%	0.591%
356	18.296	18.281	18.314	HH	293680	5618760	24.59%	0.405%
357	18.329	18.314	18.349	HH	289236	5785375	25.31%	0.417%
358	18.363	18.349	18.391	HH	264588	6547956	28.65%	0.472%
359	18.429	18.391	18.489	HH	375334	16930463	74.08%	1.220%
360	18.518	18.489	18.524	HH	260091	5332020	23.33%	0.384%
361	18.574	18.524	18.607	HH	693601	19331985	84.59%	1.393%
362	18.612	18.607	18.622	HH	253897	2374447	10.39%	0.171%
363	18.645	18.622	18.650	HH	258334	4191248	18.34%	0.302%
364	18.677	18.650	18.702	HH	280137	8299973	36.32%	0.598%
365	18.729	18.702	18.759	HH	286686	9227635	40.38%	0.665%
366	18.765	18.759	18.787	HH	257548	4269231	18.68%	0.308%
367	18.806	18.787	18.821	HH	256054	5095391	22.30%	0.367%
368	18.861	18.821	18.880	HH	268413	9198329	40.25%	0.663%
369	18.930	18.880	18.962	HH	338345	14171218	62.01%	1.021%
370	18.976	18.962	18.982	HH	284906	3441554	15.06%	0.248%
371	19.001	18.982	19.046	HH	293090	10519051	46.03%	0.758%
372	19.051	19.046	19.053	HH	261087	1203480	5.27%	0.087%
373	19.060	19.053	19.067	HH	267080	2159626	9.45%	0.156%
374	19.080	19.067	19.094	HH	270926	4250562	18.60%	0.306%
375	19.116	19.094	19.155	HH	276392	9867036	43.17%	0.711%
376	19.169	19.155	19.189	HH	273615	5371976	23.51%	0.387%
377	19.204	19.189	19.209	HH	268358	3260014	14.26%	0.235%
378	19.221	19.209	19.242	HH	267419	5150333	22.54%	0.371%
379	19.276	19.242	19.310	HH	268145	10575839	46.28%	0.762%
380	19.359	19.310	19.402	HH	662021	20498603	89.69%	1.477%
381	19.431	19.402	19.455	HH	272596	8484075	37.12%	0.611%
382	19.477	19.455	19.499	HH	275440	7138310	31.23%	0.514%
383	19.515	19.499	19.521	HH	263018	3431885	15.02%	0.247%
384	19.545	19.521	19.558	HH	275210	5956785	26.06%	0.429%
385	19.592	19.558	19.627	HH	302130	11731082	51.33%	0.845%
386	19.660	19.627	19.688	HH	305026	10725253	46.93%	0.773%
387	19.713	19.688	19.751	HH	318458	11237134	49.17%	0.810%
388	19.762	19.751	19.803	HH	294154	8982247	39.30%	0.647%
389	19.809	19.803	19.824	HH	275546	3342403	14.62%	0.241%
390	19.832	19.824	19.844	HH	273931	3343570	14.63%	0.241%
391	19.874	19.844	19.882	HH	278141	6131126	26.83%	0.442%
392	19.888	19.882	19.917	HH	281205	5869444	25.68%	0.423%
393	19.924	19.917	19.930	HH	270404	1987948	8.70%	0.143%
394	19.984	19.930	19.994	HH	312890	11166663	48.86%	0.804%
395	20.000	19.994	20.023	HH	306955	5257757	23.01%	0.379%
396	20.034	20.023	20.051	HH	293130	4711779	20.62%	0.339%
397	20.099	20.051	20.142	HH	727325	22139269	96.87%	1.595%
398	20.152	20.142	20.157	HH	286080	2484487	10.87%	0.179%
399	20.169	20.157	20.182	HH	294943	4416970	19.33%	0.318%
400	20.187	20.182	20.209	HH	283121	4492446	19.66%	0.324%
401	20.229	20.209	20.236	HH	289003	4525950	19.80%	0.326%
402	20.258	20.236	20.287	HH	321344	9327406	40.81%	0.672%
403	20.299	20.287	20.304	HH	290358	2903681	12.71%	0.209%
404	20.320	20.304	20.336	HH	288718	5537391	24.23%	0.399%

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405	20.350	20.336	20.355	HH	289993	3322327	14.54%	0.239%
406	20.363	20.355	20.381	HH	292018	4490585	19.65%	0.324%
407	20.393	20.381	20.411	HH	289532	5014982	21.94%	0.361%
408	20.422	20.411	20.430	HH	287477	3337461	14.60%	0.240%
409	20.449	20.430	20.464	HH	296533	5835357	25.53%	0.420%
410	20.474	20.464	20.511	HH	291592	8061289	35.27%	0.581%
411	20.516	20.511	20.520	HH	275427	1517078	6.64%	0.109%
412	20.527	20.520	20.540	HH	277337	3280417	14.35%	0.236%
413	20.557	20.540	20.564	HH	278332	3834998	16.78%	0.276%
414	20.571	20.564	20.583	HH	277020	3285843	14.38%	0.237%
415	20.588	20.583	20.612	HH	275524	4622193	20.22%	0.333%
416	20.619	20.612	20.624	HH	270859	1990605	8.71%	0.143%
417	20.635	20.624	20.640	HH	271738	2621374	11.47%	0.189%
418	20.645	20.640	20.656	HH	272396	2477925	10.84%	0.179%
419	20.663	20.656	20.677	HH	267133	3339380	14.61%	0.241%
420	20.688	20.677	20.700	HH	268593	3624549	15.86%	0.261%
421	20.704	20.700	20.711	HH	263022	1819942	7.96%	0.131%
422	20.722	20.711	20.727	HH	261324	2482483	10.86%	0.179%
423	20.734	20.727	20.745	HH	261225	2796349	12.24%	0.201%
424	20.758	20.745	20.770	HH	260158	3798916	16.62%	0.274%
425	20.788	20.770	20.796	HH	255556	4030759	17.64%	0.290%
426	20.844	20.796	20.879	HH	617666	19287368	84.39%	1.389%
427	20.898	20.879	20.917	HH	251656	5698268	24.93%	0.411%
428	20.921	20.917	20.924	HH	246725	1031099	4.51%	0.074%
429	20.931	20.924	20.939	HH	250025	2142938	9.38%	0.154%
430	20.952	20.939	20.961	HH	248834	3328342	14.56%	0.240%
431	20.976	20.961	21.013	HH	246779	7548300	33.03%	0.544%
432	21.024	21.013	21.034	HH	247098	3088647	13.51%	0.223%
433	21.039	21.034	21.047	HH	243898	1919070	8.40%	0.138%
434	21.056	21.047	21.072	HH	242922	3663862	16.03%	0.264%
435	21.079	21.072	21.091	HH	240434	2665824	11.66%	0.192%
436	21.105	21.091	21.116	HH	241154	3561144	15.58%	0.257%
437	21.118	21.116	21.131	HH	240614	2142852	9.38%	0.154%
438	21.139	21.131	21.145	HH	237349	2034805	8.90%	0.147%
439	21.149	21.145	21.156	HH	237526	1622722	7.10%	0.117%
440	21.161	21.156	21.168	HH	235019	1680285	7.35%	0.121%
441	21.175	21.168	21.196	HH	234773	3800967	16.63%	0.274%
442	21.213	21.196	21.240	HH	237829	6191200	27.09%	0.446%
443	21.267	21.240	21.334	HH	247389	13317073	58.27%	0.959%
444	21.357	21.334	21.385	HH	231487	7014628	30.69%	0.505%
445	21.390	21.385	21.431	HH	225828	6140041	26.87%	0.442%
446	21.437	21.431	21.463	HH	222188	4289050	18.77%	0.309%
447	21.476	21.463	21.482	HH	221152	2462268	10.77%	0.177%
448	21.487	21.482	21.498	HH	220681	2068849	9.05%	0.149%
449	21.518	21.498	21.529	HH	221079	4134669	18.09%	0.298%
450	21.535	21.529	21.555	HH	220149	3298119	14.43%	0.238%
451	21.565	21.555	21.589	HH	218839	4437987	19.42%	0.320%
452	21.608	21.589	21.615	HH	217071	3310199	14.48%	0.238%
453	21.656	21.615	21.685	HH	224592	9227060	40.37%	0.665%
454	21.689	21.685	21.696	HH	213076	1463014	6.40%	0.105%
455	21.770	21.696	21.821	HHA	491057	22854246	100.00%	1.646%

Sum of corrected areas: 1388122833

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