

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031819AL\
 Data File : FE029723.D
 Signal(s) : FID1B.CH
 Acq On : 18 Mar 2019 17:37
 Sample : K1927-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 031419.M
 Title : GC Extractables

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.365	3.344	3.400	VV	6178	74588	0.17%	0.003%
2	3.484	3.470	3.498	PV	998	10371	0.02%	0.000%
3	3.625	3.609	3.659	VV	2354	33131	0.08%	0.001%
4	3.679	3.659	3.704	VV	1189	17836	0.04%	0.001%
5	3.727	3.704	3.748	VV	3568	38183	0.09%	0.002%
6	3.799	3.770	3.813	VV	1989	26805	0.06%	0.001%
7	3.850	3.834	3.875	VV	1045	12491	0.03%	0.001%
8	3.893	3.875	3.915	VV	1212	10675	0.02%	0.000%
9	3.941	3.915	3.949	PV	1663	17380	0.04%	0.001%
10	3.954	3.949	3.989	VV	1801	23237	0.05%	0.001%
11	4.021	3.989	4.036	VV	4992	59461	0.14%	0.003%
12	4.049	4.036	4.071	VV	5544	56819	0.13%	0.002%
13	4.081	4.071	4.101	VV	1758	25955	0.06%	0.001%
14	4.116	4.101	4.141	VV	5757	59987	0.14%	0.003%
15	4.183	4.165	4.190	VV	1437	12710	0.03%	0.001%
16	4.201	4.190	4.212	VV	2338	22696	0.05%	0.001%
17	4.226	4.212	4.253	VV	2809	45438	0.11%	0.002%
18	4.259	4.253	4.274	VV	1487	13707	0.03%	0.001%
19	4.332	4.301	4.349	PV	1823	22583	0.05%	0.001%
20	4.372	4.349	4.396	VV	1714	26047	0.06%	0.001%
21	4.418	4.396	4.471	VV	27700	275135	0.64%	0.012%
22	4.484	4.471	4.496	VV	1105	11074	0.03%	0.000%
23	4.533	4.521	4.555	VV	985	11301	0.03%	0.000%
24	4.582	4.555	4.599	VV	2121	37216	0.09%	0.002%
25	4.614	4.599	4.626	VV	2703	31007	0.07%	0.001%
26	4.638	4.626	4.654	VV	2676	32031	0.07%	0.001%
27	4.668	4.654	4.685	VV	8721	75678	0.18%	0.003%
28	4.698	4.685	4.710	VV	4923	45881	0.11%	0.002%
29	4.724	4.710	4.737	VV	3494	45886	0.11%	0.002%
30	4.748	4.737	4.772	VV	3512	46575	0.11%	0.002%
31	4.790	4.772	4.804	VV	3632	38543	0.09%	0.002%
32	4.826	4.804	4.854	VV	3875	60498	0.14%	0.003%
33	4.885	4.862	4.917	VV	6043	73406	0.17%	0.003%
34	4.935	4.917	4.951	VV	1935	24015	0.06%	0.001%
35	4.967	4.951	5.003	VV	1887	34939	0.08%	0.002%
36	5.024	5.003	5.040	VV	6429	70347	0.16%	0.003%

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37	5.055	5.040	5.077	VV	7176	79508	0.19%	0.003%
38	5.093	5.077	5.118	VV	9770	107380	0.25%	0.005%
39	5.128	5.118	5.139	VV	2051	20444	0.05%	0.001%
40	5.155	5.139	5.193	VV	9445	109448	0.26%	0.005%
41	5.209	5.193	5.227	PV	1164	15121	0.04%	0.001%
42	5.252	5.227	5.264	VV	4267	59484	0.14%	0.003%
43	5.276	5.264	5.293	VV	3443	52211	0.12%	0.002%
44	5.313	5.293	5.325	VV	4302	58371	0.14%	0.003%
45	5.338	5.325	5.353	VV	3770	42414	0.10%	0.002%
46	5.368	5.353	5.382	VV	2748	33818	0.08%	0.001%
47	5.400	5.382	5.417	VV	2674	38404	0.09%	0.002%
48	5.449	5.417	5.465	VV	56470	517848	1.21%	0.022%
49	5.473	5.465	5.505	VV	11915	136891	0.32%	0.006%
50	5.519	5.505	5.531	VV	2414	26054	0.06%	0.001%
51	5.542	5.531	5.556	VV	1326	15279	0.04%	0.001%
52	5.577	5.556	5.581	VV	1809	20681	0.05%	0.001%
53	5.592	5.581	5.609	VV	1908	29997	0.07%	0.001%
54	5.631	5.609	5.657	VV	10860	144343	0.34%	0.006%
55	5.705	5.673	5.719	VV	3641	65258	0.15%	0.003%
56	5.733	5.719	5.739	VV	6384	52930	0.12%	0.002%
57	5.747	5.739	5.782	VV	6985	88835	0.21%	0.004%
58	5.798	5.782	5.814	VV	5840	56664	0.13%	0.002%
59	5.819	5.814	5.828	VV	1679	11912	0.03%	0.001%
60	5.842	5.828	5.878	VV	3999	69197	0.16%	0.003%
61	5.904	5.878	5.925	PV	3743	55123	0.13%	0.002%
62	5.954	5.925	5.972	VV	4347	74029	0.17%	0.003%
63	6.009	5.972	6.030	VV	9642	171681	0.40%	0.007%
64	6.048	6.030	6.071	VV	11171	132385	0.31%	0.006%
65	6.090	6.071	6.121	VV	13611	170810	0.40%	0.007%
66	6.152	6.121	6.179	VV	11183	181781	0.42%	0.008%
67	6.185	6.179	6.213	VV	4048	47594	0.11%	0.002%
68	6.238	6.213	6.251	VV	3324	50219	0.12%	0.002%
69	6.267	6.251	6.291	VV	5526	77756	0.18%	0.003%
70	6.311	6.291	6.323	VV	5509	67363	0.16%	0.003%
71	6.332	6.323	6.342	VV	4254	44547	0.10%	0.002%
72	6.356	6.342	6.375	VV	4440	68855	0.16%	0.003%
73	6.382	6.375	6.392	VV	2315	22045	0.05%	0.001%
74	6.404	6.392	6.410	VV	2913	27562	0.06%	0.001%
75	6.429	6.410	6.460	VV	76251	723264	1.69%	0.031%
76	6.464	6.460	6.480	VV	3115	30230	0.07%	0.001%
77	6.490	6.480	6.508	VV	2208	22425	0.05%	0.001%
78	6.523	6.508	6.540	VV	1516	20835	0.05%	0.001%
79	6.554	6.540	6.560	VV	2134	21431	0.05%	0.001%
80	6.578	6.560	6.596	VV	22055	220967	0.52%	0.010%
81	6.614	6.596	6.638	VV	6336	100654	0.23%	0.004%
82	6.649	6.638	6.673	VV	4781	49201	0.11%	0.002%
83	6.704	6.673	6.727	VV	3979	79198	0.18%	0.003%
84	6.754	6.727	6.776	VV	7594	107062	0.25%	0.005%
85	6.789	6.776	6.803	VV	4876	49225	0.11%	0.002%
86	6.816	6.803	6.860	VV	3514	56448	0.13%	0.002%
87	6.889	6.860	6.913	PV	3917	75302	0.18%	0.003%
88	6.930	6.913	6.938	VV	10382	99663	0.23%	0.004%
89	6.947	6.938	6.969	VV	10575	114749	0.27%	0.005%

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90	6.989	6.969	7.014	VV	11424	134124	0.31%	0.006%
91	7.032	7.014	7.059	VV	13916	159504	0.37%	0.007%
92	7.090	7.059	7.112	VV	12315	137618	0.32%	0.006%
93	7.130	7.112	7.172	VV	18604	227337	0.53%	0.010%
94	7.185	7.172	7.197	VV	3483	33349	0.08%	0.001%
95	7.210	7.197	7.219	VV	3653	34958	0.08%	0.002%
96	7.233	7.219	7.250	VV	7290	80236	0.19%	0.003%
97	7.275	7.250	7.293	VV	4176	77592	0.18%	0.003%
98	7.307	7.293	7.330	VV	4660	79761	0.19%	0.003%
99	7.353	7.330	7.388	VV	89137	840925	1.96%	0.036%
100	7.419	7.388	7.434	VV	9074	117454	0.27%	0.005%
101	7.495	7.434	7.508	VV	9361	203824	0.48%	0.009%
102	7.526	7.508	7.551	VV	12257	167240	0.39%	0.007%
103	7.570	7.551	7.593	VV	8716	93530	0.22%	0.004%
104	7.612	7.593	7.629	PV	8588	85342	0.20%	0.004%
105	7.640	7.629	7.650	VV	2969	30094	0.07%	0.001%
106	7.664	7.650	7.676	VV	3834	46252	0.11%	0.002%
107	7.692	7.676	7.707	VV	7137	82068	0.19%	0.004%
108	7.727	7.707	7.745	VV	7087	117161	0.27%	0.005%
109	7.762	7.745	7.767	VV	4768	56152	0.13%	0.002%
110	7.781	7.767	7.793	VV	7879	92362	0.22%	0.004%
111	7.808	7.793	7.821	VV	10670	124114	0.29%	0.005%
112	7.833	7.821	7.851	VV	11676	125386	0.29%	0.005%
113	7.876	7.851	7.897	VV	10911	128497	0.30%	0.006%
114	7.920	7.897	7.943	VV	17221	200388	0.47%	0.009%
115	7.958	7.943	7.963	VV	4961	45617	0.11%	0.002%
116	7.977	7.963	8.003	VV	12188	134127	0.31%	0.006%
117	8.019	8.003	8.025	VV	1948	20253	0.05%	0.001%
118	8.043	8.025	8.068	VV	24757	242953	0.57%	0.011%
119	8.094	8.068	8.119	VV	5116	79056	0.18%	0.003%
120	8.136	8.119	8.154	PV	5746	63092	0.15%	0.003%
121	8.173	8.154	8.190	VV	4130	70525	0.16%	0.003%
122	8.224	8.190	8.256	VV	111727	1116629	2.61%	0.048%
123	8.272	8.256	8.294	VV	6438	85107	0.20%	0.004%
124	8.318	8.294	8.331	VV	5358	68232	0.16%	0.003%
125	8.343	8.331	8.353	VV	3550	41335	0.10%	0.002%
126	8.377	8.353	8.395	VV	10125	146985	0.34%	0.006%
127	8.417	8.395	8.451	VV	3456	81853	0.19%	0.004%
128	8.469	8.451	8.486	VV	3175	44737	0.10%	0.002%
129	8.516	8.486	8.539	VV	3231	65281	0.15%	0.003%
130	8.553	8.539	8.565	VV	2106	18340	0.04%	0.001%
131	8.582	8.565	8.591	VV	7961	74331	0.17%	0.003%
132	8.600	8.591	8.622	VV	7408	104321	0.24%	0.005%
133	8.645	8.622	8.658	VV	8340	133151	0.31%	0.006%
134	8.674	8.658	8.698	VV	15028	180096	0.42%	0.008%
135	8.716	8.698	8.730	VV	12472	134422	0.31%	0.006%
136	8.759	8.730	8.791	VV	45756	560214	1.31%	0.024%
137	8.814	8.791	8.829	VV	13825	169326	0.40%	0.007%
138	8.836	8.829	8.863	VV	5543	72847	0.17%	0.003%
139	8.885	8.863	8.892	VV	3318	38867	0.09%	0.002%
140	8.906	8.892	8.922	VV	5989	70759	0.17%	0.003%
141	8.935	8.922	8.952	VV	3675	51481	0.12%	0.002%

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142	8.994	8.952	9.005	VV	6934	159386	0.37%	0.007%
143	9.013	9.005	9.023	VV	6416	69444	0.16%	0.003%
144	9.046	9.023	9.092	VV	128181	1354656	3.16%	0.059%
145	9.102	9.092	9.111	VV	2432	25218	0.06%	0.001%
146	9.130	9.111	9.154	VV	8807	118792	0.28%	0.005%
147	9.178	9.154	9.192	VV	4708	78330	0.18%	0.003%
148	9.199	9.192	9.214	VV	3483	36709	0.09%	0.002%
149	9.230	9.214	9.241	VV	6032	73022	0.17%	0.003%
150	9.260	9.241	9.273	VV	10206	138052	0.32%	0.006%
151	9.282	9.273	9.298	VV	5985	64969	0.15%	0.003%
152	9.308	9.298	9.316	VV	2792	26410	0.06%	0.001%
153	9.336	9.316	9.361	VV	10187	155560	0.36%	0.007%
154	9.422	9.361	9.452	VV	26128	671841	1.57%	0.029%
155	9.478	9.452	9.488	VV	11355	192409	0.45%	0.008%
156	9.507	9.488	9.527	VV	13596	213992	0.50%	0.009%
157	9.552	9.527	9.571	VV	19369	259882	0.61%	0.011%
158	9.580	9.571	9.591	VV	8534	81798	0.19%	0.004%
159	9.604	9.591	9.628	VV	15187	158519	0.37%	0.007%
160	9.663	9.628	9.679	VV	2333	45537	0.11%	0.002%
161	9.684	9.679	9.716	VV	1410	18461	0.04%	0.001%
162	9.747	9.716	9.759	PV	5613	81787	0.19%	0.004%
163	9.781	9.759	9.805	VV	11236	203095	0.47%	0.009%
164	9.824	9.805	9.868	VV	147992	1477063	3.45%	0.064%
165	9.905	9.868	9.918	VV	6807	159409	0.37%	0.007%
166	9.928	9.918	9.943	VV	6336	74813	0.17%	0.003%
167	9.950	9.943	9.970	VV	3557	34837	0.08%	0.002%
168	9.999	9.970	10.015	VV	2474	41036	0.10%	0.002%
169	10.040	10.015	10.049	VV	3172	44206	0.10%	0.002%
170	10.055	10.049	10.081	VV	2902	39672	0.09%	0.002%
171	10.101	10.081	10.126	VV	3705	54852	0.13%	0.002%
172	10.143	10.126	10.153	VV	1540	17907	0.04%	0.001%
173	10.172	10.153	10.184	VV	13321	151279	0.35%	0.007%
174	10.211	10.184	10.239	VV	53079	738371	1.72%	0.032%
175	10.263	10.239	10.285	VV	12907	183587	0.43%	0.008%
176	10.303	10.285	10.327	VV	15989	200344	0.47%	0.009%
177	10.357	10.327	10.386	VV	18480	225747	0.53%	0.010%
178	10.398	10.386	10.423	PV	1573	19325	0.05%	0.001%
179	10.455	10.423	10.465	VV	2851	38203	0.09%	0.002%
180	10.495	10.465	10.522	VV	7950	136550	0.32%	0.006%
181	10.564	10.522	10.599	VV	158471	1736318	4.05%	0.075%
182	10.633	10.599	10.661	VV	64360	947223	2.21%	0.041%
183	10.688	10.661	10.715	VV	12151	227933	0.53%	0.010%
184	10.756	10.715	10.769	VV	4284	97732	0.23%	0.004%
185	10.792	10.769	10.805	VV	5144	86669	0.20%	0.004%
186	10.822	10.805	10.834	VV	5464	79390	0.19%	0.003%
187	10.839	10.834	10.856	VV	4756	46572	0.11%	0.002%
188	10.878	10.856	10.899	VV	21654	326381	0.76%	0.014%
189	10.907	10.899	10.922	VV	11675	126386	0.29%	0.005%
190	10.955	10.922	10.970	VV	22888	462997	1.08%	0.020%
191	10.986	10.970	11.005	VV	27359	392419	0.92%	0.017%
192	11.018	11.005	11.034	VV	18391	211683	0.49%	0.009%
193	11.044	11.034	11.055	VV	9109	98982	0.23%	0.004%
194	11.072	11.055	11.108	VV	23517	373383	0.87%	0.016%

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195	11.138	11.108	11.161	VV	9589	214493	0.50%	0.009%
196	11.173	11.161	11.181	VV	5866	65357	0.15%	0.003%
197	11.207	11.181	11.217	VV	9689	178929	0.42%	0.008%
198	11.227	11.217	11.244	VV	10312	150602	0.35%	0.007%
199	11.267	11.244	11.289	VV	174700	1837029	4.29%	0.079%
200	11.313	11.289	11.328	VV	15967	307136	0.72%	0.013%
201	11.356	11.328	11.394	VV	65333	1039181	2.42%	0.045%
202	11.402	11.394	11.410	VV	6850	60863	0.14%	0.003%
203	11.422	11.410	11.448	VV	8928	155954	0.36%	0.007%
204	11.466	11.448	11.485	VV	8578	148658	0.35%	0.006%
205	11.562	11.485	11.607	VV	24631	979769	2.29%	0.042%
206	11.624	11.607	11.642	VV	18090	308804	0.72%	0.013%
207	11.665	11.642	11.685	VV	31256	532219	1.24%	0.023%
208	11.701	11.685	11.723	VV	26212	386885	0.90%	0.017%
209	11.728	11.723	11.735	VV	12411	84840	0.20%	0.004%
210	11.754	11.735	11.773	VV	26449	421560	0.98%	0.018%
211	11.779	11.773	11.804	VV	13626	247291	0.58%	0.011%
212	11.826	11.804	11.854	VV	19038	474585	1.11%	0.021%
213	11.876	11.854	11.890	VV	18605	357437	0.83%	0.015%
214	11.939	11.890	11.965	VV	163459	2565174	5.99%	0.111%
215	11.980	11.965	11.993	VV	28619	425205	0.99%	0.018%
216	12.020	11.993	12.029	VV	27642	564027	1.32%	0.024%
217	12.042	12.029	12.056	VV	27817	420528	0.98%	0.018%
218	12.067	12.056	12.083	VV	27852	408283	0.95%	0.018%
219	12.091	12.083	12.112	VV	23429	372940	0.87%	0.016%
220	12.156	12.112	12.183	VV	31912	1138989	2.66%	0.049%
221	12.211	12.183	12.237	VV	49156	1205874	2.81%	0.052%
222	12.245	12.237	12.262	VV	40162	531524	1.24%	0.023%
223	12.277	12.262	12.289	VV	38289	538497	1.26%	0.023%
224	12.324	12.289	12.338	VV	54011	1234969	2.88%	0.053%
225	12.352	12.338	12.386	VV	61729	1278884	2.98%	0.055%
226	12.417	12.386	12.434	VV	61929	1455198	3.40%	0.063%
227	12.443	12.434	12.456	VV	43211	546518	1.28%	0.024%
228	12.500	12.456	12.534	VV	59583	2264893	5.28%	0.098%
229	12.582	12.534	12.601	VV	200063	3504804	8.18%	0.152%
230	12.611	12.601	12.627	VV	68542	1001255	2.34%	0.043%
231	12.644	12.627	12.663	VV	74819	1413881	3.30%	0.061%
232	12.674	12.663	12.682	VV	62852	712134	1.66%	0.031%
233	12.686	12.682	12.690	VV	62944	309441	0.72%	0.013%
234	12.700	12.690	12.712	VV	66160	817030	1.91%	0.035%
235	12.726	12.712	12.748	VV	71414	1391750	3.25%	0.060%
236	12.773	12.748	12.784	VV	58886	1208827	2.82%	0.052%
237	12.803	12.784	12.814	VV	69300	1169973	2.73%	0.051%
238	12.835	12.814	12.848	VV	100393	1727464	4.03%	0.075%
239	12.857	12.848	12.867	VV	89391	971785	2.27%	0.042%
240	12.873	12.867	12.890	VV	89303	1161782	2.71%	0.050%
241	12.905	12.890	12.924	VV	93404	1633602	3.81%	0.071%
242	12.944	12.924	12.959	VV	102396	1839776	4.29%	0.080%
243	12.976	12.959	12.988	VV	111771	1676760	3.91%	0.073%
244	12.998	12.988	13.011	VV	101380	1318919	3.08%	0.057%
245	13.031	13.011	13.053	VV	272514	3961514	9.24%	0.171%
246	13.079	13.053	13.107	VV	135350	3648954	8.51%	0.158%

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247	13.128	13.107	13.153	VV	110003	2828250	6.60%	0.122%
248	13.169	13.153	13.177	VV	107733	1526203	3.56%	0.066%
249	13.199	13.177	13.216	VV	225203	3670321	8.56%	0.159%
250	13.237	13.216	13.248	VV	131011	2413241	5.63%	0.104%
251	13.265	13.248	13.284	VV	153659	3102127	7.24%	0.134%
252	13.295	13.284	13.321	VV	134741	2820764	6.58%	0.122%
253	13.334	13.321	13.347	VV	127794	1895709	4.42%	0.082%
254	13.363	13.347	13.378	VV	139877	2386174	5.57%	0.103%
255	13.383	13.378	13.391	VV	120099	874320	2.04%	0.038%
256	13.434	13.391	13.454	VV	213254	6404341	14.94%	0.277%
257	13.478	13.454	13.494	VV	189372	4211951	9.83%	0.182%
258	13.509	13.494	13.531	VV	184441	3643155	8.50%	0.158%
259	13.550	13.531	13.567	VV	184078	3704117	8.64%	0.160%
260	13.582	13.567	13.599	VV	191850	3471967	8.10%	0.150%
261	13.630	13.599	13.662	VV	230573	7654046	17.86%	0.331%
262	13.697	13.662	13.710	VV	224643	5984150	13.96%	0.259%
263	13.723	13.710	13.744	VV	220072	4216754	9.84%	0.182%
264	13.790	13.744	13.822	VV	297175	10650190	24.85%	0.461%
265	13.850	13.822	13.863	VV	282343	6113598	14.26%	0.264%
266	13.877	13.863	13.896	VV	274074	4937512	11.52%	0.214%
267	13.906	13.896	13.913	VV	228854	2359655	5.51%	0.102%
268	13.917	13.913	13.922	VV	227936	1158805	2.70%	0.050%
269	13.938	13.922	13.958	VV	238062	4965950	11.59%	0.215%
270	13.971	13.958	13.980	VV	234231	2887353	6.74%	0.125%
271	14.026	13.980	14.052	VV	367616	13144307	30.67%	0.568%
272	14.061	14.052	14.074	VV	312217	3967552	9.26%	0.172%
273	14.091	14.074	14.106	VV	323626	5609370	13.09%	0.243%
274	14.127	14.106	14.141	VV	296187	5885929	13.73%	0.255%
275	14.158	14.141	14.167	VV	296335	4465124	10.42%	0.193%
276	14.183	14.167	14.195	VV	331468	5224136	12.19%	0.226%
277	14.212	14.195	14.234	VV	376201	7931156	18.50%	0.343%
278	14.241	14.234	14.248	VV	314153	2608290	6.09%	0.113%
279	14.267	14.248	14.279	VV	330871	6025447	14.06%	0.261%
280	14.295	14.279	14.314	VV	331519	6697117	15.63%	0.290%
281	14.331	14.314	14.341	VV	321896	5029056	11.73%	0.217%
282	14.362	14.341	14.383	VV	392762	8819680	20.58%	0.381%
283	14.390	14.383	14.403	VV	343627	4025076	9.39%	0.174%
284	14.425	14.403	14.447	VV	435601	10573241	24.67%	0.457%
285	14.457	14.447	14.471	VV	386367	5430513	12.67%	0.235%
286	14.487	14.471	14.538	VV	411189	14683301	34.26%	0.635%
287	14.568	14.538	14.596	VV	469926	14740366	34.39%	0.637%
288	14.618	14.596	14.631	VV	451088	9240212	21.56%	0.400%
289	14.649	14.631	14.669	VV	457342	9862529	23.01%	0.426%
290	14.685	14.669	14.704	VV	424918	8351423	19.49%	0.361%
291	14.720	14.704	14.731	VV	419612	6677721	15.58%	0.289%
292	14.765	14.731	14.778	VV	487631	12852116	29.99%	0.556%
293	14.793	14.778	14.814	VV	493188	10040346	23.43%	0.434%
294	14.824	14.814	14.829	VV	462793	4146670	9.67%	0.179%
295	14.836	14.829	14.861	VV	466089	8436183	19.68%	0.365%
296	14.878	14.861	14.891	VV	449629	7873251	18.37%	0.340%
297	14.914	14.891	14.945	VV	520272	15842858	36.96%	0.685%
298	14.971	14.945	14.985	VV	563781	12607312	29.42%	0.545%
299	14.990	14.985	15.010	VV	545971	7730869	18.04%	0.334%

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300	15.022	15.010	15.034	VV	508881	7223059	16.85%	0.312%
301	15.051	15.034	15.076	VV	515295	12197581	28.46%	0.527%
302	15.109	15.076	15.133	VV	625742	18596463	43.39%	0.804%
303	15.141	15.133	15.146	VV	547884	4258849	9.94%	0.184%
304	15.160	15.146	15.181	VV	582546	11843218	27.63%	0.512%
305	15.188	15.181	15.208	VV	556582	8977040	20.95%	0.388%
306	15.224	15.208	15.236	VV	545469	8773056	20.47%	0.379%
307	15.263	15.236	15.285	VV	556607	15637046	36.48%	0.676%
308	15.303	15.285	15.320	VV	601778	12207984	28.48%	0.528%
309	15.327	15.320	15.329	VV	565433	2939279	6.86%	0.127%
310	15.347	15.329	15.395	VV	623206	23075705	53.84%	0.998%
311	15.411	15.395	15.416	VV	547213	6817785	15.91%	0.295%
312	15.442	15.416	15.450	VV	631496	11935323	27.85%	0.516%
313	15.490	15.450	15.510	VV	708828	23379624	54.55%	1.011%
314	15.524	15.510	15.561	VV	622066	18367424	42.85%	0.794%
315	15.572	15.561	15.590	VV	585777	9765320	22.78%	0.422%
316	15.623	15.590	15.639	VV	688260	18379730	42.88%	0.795%
317	15.654	15.639	15.675	VV	656409	13706465	31.98%	0.593%
318	15.679	15.675	15.688	VV	622727	4767914	11.12%	0.206%
319	15.700	15.688	15.719	VV	636776	11465731	26.75%	0.496%
320	15.752	15.719	15.777	VV	692487	22492589	52.48%	0.973%
321	15.787	15.777	15.793	VV	649194	6397451	14.93%	0.277%
322	15.795	15.793	15.803	VV	646131	3578921	8.35%	0.155%
323	15.807	15.803	15.813	VV	635682	3742929	8.73%	0.162%
324	15.833	15.813	15.854	VV	678426	16110493	37.59%	0.697%
325	15.870	15.854	15.887	VV	664461	12689903	29.61%	0.549%
326	15.901	15.887	15.925	VV	630844	14197488	33.13%	0.614%
327	15.948	15.925	15.959	VV	654108	13124656	30.62%	0.568%
328	15.988	15.959	16.023	VV	748815	25977813	60.61%	1.123%
329	16.046	16.023	16.058	VV	660309	13386010	31.23%	0.579%
330	16.063	16.058	16.067	VV	629991	3385884	7.90%	0.146%
331	16.070	16.067	16.093	VV	631030	9607616	22.42%	0.415%
332	16.121	16.093	16.154	VV	759668	25487855	59.47%	1.102%
333	16.177	16.154	16.213	VV	703453	23949653	55.88%	1.036%
334	16.266	16.213	16.304	VV	750981	38743913	90.40%	1.675%
335	16.308	16.304	16.326	VV	718818	9020974	21.05%	0.390%
336	16.331	16.326	16.361	VV	706737	14194667	33.12%	0.614%
337	16.373	16.361	16.377	VV	675621	6435294	15.01%	0.278%
338	16.402	16.377	16.415	VV	687282	15241947	35.56%	0.659%
339	16.430	16.415	16.446	VV	689864	12684710	29.60%	0.549%
340	16.473	16.446	16.520	VV	740278	30317438	70.74%	1.311%
341	16.536	16.520	16.543	VV	662481	8934110	20.85%	0.386%
342	16.550	16.543	16.558	VV	657096	5949767	13.88%	0.257%
343	16.564	16.558	16.571	VV	653363	5106144	11.91%	0.221%
344	16.598	16.571	16.634	VV	769276	26923321	62.82%	1.164%
345	16.656	16.634	16.691	VV	735688	23938656	55.85%	1.035%
346	16.705	16.691	16.718	VV	691112	10996145	25.66%	0.475%
347	16.772	16.718	16.820	VV	730985	42859688	100.00%	1.853%
348	16.829	16.820	16.853	VV	662704	12710362	29.66%	0.550%
349	16.873	16.853	16.878	VV	687323	10042140	23.43%	0.434%
350	16.900	16.878	16.906	VV	713399	11890029	27.74%	0.514%
351	16.910	16.906	16.912	VV	702635	2502543	5.84%	0.108%

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352	16.923	16.912	16.983	VV	742898	29241804	68.23%	1.264%
353	17.000	16.983	17.005	VV	657140	8666404	20.22%	0.375%
354	17.027	17.005	17.034	VV	687484	11645598	27.17%	0.504%
355	17.060	17.034	17.104	VV	758036	29919175	69.81%	1.294%
356	17.123	17.104	17.163	VV	724071	24691603	57.61%	1.068%
357	17.183	17.163	17.194	VV	677812	12581539	29.36%	0.544%
358	17.201	17.194	17.207	VV	683677	5175645	12.08%	0.224%
359	17.231	17.207	17.244	VV	692106	15327597	35.76%	0.663%
360	17.251	17.244	17.269	VV	682658	10045845	23.44%	0.434%
361	17.287	17.269	17.303	VV	673265	13202263	30.80%	0.571%
362	17.323	17.303	17.328	VV	676339	10258896	23.94%	0.444%
363	17.332	17.328	17.335	VV	670663	2486830	5.80%	0.108%
364	17.348	17.335	17.353	VV	691583	7701128	17.97%	0.333%
365	17.356	17.353	17.362	VV	686490	3319187	7.74%	0.144%
366	17.372	17.362	17.377	VV	682851	6241392	14.56%	0.270%
367	17.382	17.377	17.401	VV	689304	9820184	22.91%	0.425%
368	17.405	17.401	17.434	VV	659005	12487622	29.14%	0.540%
369	17.470	17.434	17.481	VV	717108	18637668	43.49%	0.806%
370	17.497	17.481	17.545	VV	725319	26450885	61.72%	1.144%
371	17.567	17.545	17.598	VV	643204	19925035	46.49%	0.862%
372	17.625	17.598	17.639	VV	645338	15733373	36.71%	0.680%
373	17.649	17.639	17.675	VV	645988	13830853	32.27%	0.598%
374	17.694	17.675	17.708	VV	666802	13001951	30.34%	0.562%
375	17.720	17.708	17.750	VV	662756	16191100	37.78%	0.700%
376	17.765	17.750	17.776	VV	660963	9974111	23.27%	0.431%
377	17.795	17.776	17.824	VV	687774	19141591	44.66%	0.828%
378	17.828	17.824	17.841	VV	626725	6157449	14.37%	0.266%
379	17.844	17.841	17.848	VV	613186	2664888	6.22%	0.115%
380	17.855	17.848	17.874	VV	613166	9374933	21.87%	0.405%
381	17.895	17.874	17.900	VV	606935	9334558	21.78%	0.404%
382	17.940	17.900	17.961	VV	780150	25246805	58.91%	1.092%
383	17.966	17.961	17.985	VV	669397	9386981	21.90%	0.406%
384	17.994	17.985	18.024	VV	632229	14230393	33.20%	0.615%
385	18.043	18.024	18.056	VV	609657	11449945	26.71%	0.495%
386	18.082	18.056	18.106	VV	646542	18381520	42.89%	0.795%
387	18.114	18.106	18.127	VV	609447	7671281	17.90%	0.332%
388	18.157	18.127	18.163	VV	626689	13402230	31.27%	0.580%
389	18.168	18.163	18.190	VV	630576	9873299	23.04%	0.427%
390	18.194	18.190	18.199	VV	597604	3286574	7.67%	0.142%
391	18.221	18.199	18.234	VV	612519	12618497	29.44%	0.546%
392	18.239	18.234	18.250	VV	592867	5501163	12.84%	0.238%
393	18.254	18.250	18.269	VV	575477	6628395	15.47%	0.287%
394	18.280	18.269	18.286	VV	575234	5652251	13.19%	0.244%
395	18.309	18.286	18.323	VV	645205	13327231	31.10%	0.576%
396	18.348	18.323	18.389	VV	623377	23180877	54.09%	1.002%
397	18.402	18.389	18.407	VV	561381	5861791	13.68%	0.253%
398	18.413	18.407	18.423	VV	568501	5507829	12.85%	0.238%
399	18.428	18.423	18.443	VV	562239	6456119	15.06%	0.279%
400	18.496	18.443	18.557	VV	609771	38384591	89.56%	1.660%
401	18.564	18.557	18.570	VV	535720	4314671	10.07%	0.187%
402	18.599	18.570	18.607	VV	554940	12023497	28.05%	0.520%
403	18.619	18.607	18.629	VV	568052	7496409	17.49%	0.324%
404	18.636	18.629	18.677	VV	558534	15318240	35.74%	0.662%

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405	18.684	18.677	18.700	VV	522976	7176543	16.74%	0.310%
406	18.731	18.700	18.741	VV	562145	12910269	30.12%	0.558%
407	18.748	18.741	18.764	VV	551992	7625579	17.79%	0.330%
408	18.781	18.764	18.796	VV	553862	10597924	24.73%	0.458%
409	18.801	18.796	18.808	VV	530823	3731114	8.71%	0.161%
410	18.814	18.808	18.825	VV	529310	5179015	12.08%	0.224%
411	18.829	18.825	18.844	VV	512973	5945980	13.87%	0.257%
412	18.865	18.844	18.871	VV	545715	8377971	19.55%	0.362%
413	18.874	18.871	18.879	VV	533962	2585857	6.03%	0.112%
414	18.885	18.879	18.897	VV	529298	5408627	12.62%	0.234%
415	18.900	18.897	18.947	VV	520646	15070789	35.16%	0.652%
416	18.954	18.947	18.966	VV	492601	5523950	12.89%	0.239%
417	18.976	18.966	18.982	VV	491129	4691876	10.95%	0.203%
418	18.987	18.982	18.992	VV	483938	2931955	6.84%	0.127%
419	19.019	18.992	19.038	VV	520604	14021592	32.72%	0.606%
420	19.052	19.038	19.109	VV	510827	20392875	47.58%	0.882%
421	19.130	19.109	19.171	VV	492832	17589297	41.04%	0.761%
422	19.213	19.171	19.248	VV	487745	21847809	50.98%	0.945%
423	19.252	19.248	19.257	VV	451664	2520411	5.88%	0.109%
424	19.266	19.257	19.303	VV	455177	12288476	28.67%	0.531%
425	19.307	19.303	19.324	VV	435410	5391922	12.58%	0.233%
426	19.329	19.324	19.338	VV	427858	3492960	8.15%	0.151%
427	19.354	19.338	19.367	VV	431265	7498285	17.49%	0.324%
428	19.430	19.367	19.468	VV	496599	26958980	62.90%	1.166%
429	19.476	19.468	19.483	VV	409436	3640172	8.49%	0.157%
430	19.491	19.483	19.495	VV	404129	3052441	7.12%	0.132%
431	19.517	19.495	19.570	VV	424596	18218203	42.51%	0.788%
432	19.584	19.570	19.601	VV	397432	7240847	16.89%	0.313%
433	19.610	19.601	19.631	VV	400652	7061146	16.48%	0.305%
434	19.636	19.631	19.647	VV	390929	3708146	8.65%	0.160%
435	19.664	19.647	19.672	VV	388772	5838506	13.62%	0.252%
436	19.689	19.672	19.742	VV	397022	15634002	36.48%	0.676%
437	19.793	19.742	19.804	VV	395248	13978872	32.62%	0.604%
438	19.811	19.804	19.853	VV	406490	11011267	25.69%	0.476%
439	19.875	19.853	19.884	VV	347136	6485106	15.13%	0.280%
440	19.890	19.884	19.901	VV	337059	3429704	8.00%	0.148%
441	19.913	19.901	19.920	VV	331657	3651854	8.52%	0.158%
442	19.925	19.920	19.931	VV	325785	2122881	4.95%	0.092%
443	19.935	19.931	19.940	VV	325532	1696389	3.96%	0.073%
444	19.950	19.940	19.973	VV	328828	6307484	14.72%	0.273%
445	19.989	19.973	20.014	VV	317693	7777276	18.15%	0.336%
446	20.018	20.014	20.031	VV	312765	3115883	7.27%	0.135%
447	20.038	20.031	20.058	VV	304653	4959748	11.57%	0.214%
448	20.068	20.058	20.089	VV	304317	5449046	12.71%	0.236%
449	20.106	20.089	20.114	VV	298302	4560142	10.64%	0.197%
450	20.124	20.114	20.151	VV	300602	6395844	14.92%	0.277%
451	20.156	20.151	20.194	VV	287071	7333020	17.11%	0.317%
452	20.214	20.194	20.258	VV	287295	10579930	24.69%	0.457%
453	20.267	20.258	20.278	VV	257712	3031456	7.07%	0.131%
454	20.301	20.278	20.321	VV	263387	6596359	15.39%	0.285%
455	20.327	20.321	20.337	VV	258013	2553189	5.96%	0.110%
456	20.344	20.337	20.378	VV	260197	5949292	13.88%	0.257%

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457	20.389	20.378	20.399	VV	242034	3081860	7.19%	0.133%
458	20.404	20.399	20.439	VV	239298	5508309	12.85%	0.238%
459	20.457	20.439	20.489	VV	242161	6841607	15.96%	0.296%
460	20.493	20.489	20.536	VV	216654	5659947	13.21%	0.245%
461	20.548	20.536	20.553	VV	195744	2062999	4.81%	0.089%
462	20.558	20.553	20.578	VV	193672	2860111	6.67%	0.124%
463	20.584	20.578	20.595	VV	191304	1849751	4.32%	0.080%
464	20.605	20.595	20.660	VV	192898	7131490	16.64%	0.308%
465	20.664	20.660	20.682	VV	171787	2323277	5.42%	0.100%
466	20.687	20.682	20.690	VV	167631	792165	1.85%	0.034%
467	20.710	20.690	20.718	VV	173641	2795927	6.52%	0.121%
468	20.726	20.718	20.762	VV	171622	4348212	10.15%	0.188%
469	20.771	20.762	20.785	VV	154235	2029251	4.73%	0.088%
470	20.790	20.785	20.799	VV	145506	1278948	2.98%	0.055%
471	20.806	20.799	20.818	VV	145729	1619824	3.78%	0.070%
472	20.834	20.818	20.879	VV	145204	5044327	11.77%	0.218%
473	20.885	20.879	20.891	VV	128443	919839	2.15%	0.040%
474	20.898	20.891	20.916	VV	128052	1828108	4.27%	0.079%
475	20.922	20.916	20.926	VV	121137	712814	1.66%	0.031%
476	20.935	20.926	20.965	VV	124091	2806878	6.55%	0.121%
477	20.971	20.965	21.020	VV	116319	3616004	8.44%	0.156%
478	21.027	21.020	21.071	VV	106089	3120591	7.28%	0.135%
479	21.079	21.071	21.086	VV	99400	861925	2.01%	0.037%
480	21.096	21.086	21.119	VV	100577	1947924	4.54%	0.084%
481	21.126	21.119	21.132	VV	90935	688760	1.61%	0.030%
482	21.149	21.132	21.196	VV	93187	3341614	7.80%	0.144%
483	21.200	21.196	21.214	VV	82305	898002	2.10%	0.039%
484	21.218	21.214	21.243	VV	79034	1333929	3.11%	0.058%
485	21.248	21.243	21.279	VV	78876	1648621	3.85%	0.071%
486	21.285	21.279	21.290	VV	73947	488203	1.14%	0.021%
487	21.322	21.290	21.343	VV	81411	2376087	5.54%	0.103%
488	21.347	21.343	21.353	VV	68182	416348	0.97%	0.018%
489	21.361	21.353	21.366	VV	69060	539258	1.26%	0.023%
490	21.369	21.366	21.379	VV	67339	484595	1.13%	0.021%
491	21.387	21.379	21.408	VV	67458	1120474	2.61%	0.048%
492	21.414	21.408	21.425	VV	63334	646473	1.51%	0.028%
493	21.431	21.425	21.460	VV	61665	1210254	2.82%	0.052%
494	21.470	21.460	21.477	VV	54484	546258	1.27%	0.024%
495	21.480	21.477	21.482	VV	52828	164613	0.38%	0.007%
496	21.486	21.482	21.498	VV	53352	493986	1.15%	0.021%
497	21.506	21.498	21.523	VV	52679	775676	1.81%	0.034%
498	21.534	21.523	21.566	VV	52619	1237794	2.89%	0.054%
499	21.572	21.566	21.579	VV	43517	331684	0.77%	0.014%
500	21.585	21.579	21.614	VV	44546	890260	2.08%	0.038%
501	21.621	21.614	21.666	VV	40350	1133718	2.65%	0.049%
502	21.679	21.666	21.694	VV	35370	583112	1.36%	0.025%
503	21.699	21.694	21.715	VV	36024	442822	1.03%	0.019%
504	21.722	21.715	21.724	VV	34206	171566	0.40%	0.007%
505	21.727	21.724	21.747	VV	34852	450818	1.05%	0.019%
506	21.757	21.747	21.773	VV	33492	500567	1.17%	0.022%
507	21.776	21.773	21.789	VV	32931	297328	0.69%	0.013%
508	21.794	21.789	21.801	VBA	28689	247803	0.58%	0.011%

Sum of corrected areas: 2312589798

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