

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040119AL\
 Data File : FC040254.D
 Signal(s) : FID1A.CH
 Acq On : 02 Apr 2019 2:07
 Sample : K2180-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Title : GC Extractables

Signal : FID1A.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.855	2.802	2.875	BV	21496	216651	4.57%	0.219%
2	2.889	2.875	2.905	VV	2386	22227	0.47%	0.022%
3	2.916	2.905	2.944	VV	1025	9207	0.19%	0.009%
4	2.961	2.944	2.970	PV	1792	15699	0.33%	0.016%
5	2.989	2.970	3.006	VV	2881	38885	0.82%	0.039%
6	3.027	3.006	3.037	VV	7232	69605	1.47%	0.070%
7	3.046	3.037	3.087	VV	6101	72218	1.52%	0.073%
8	3.120	3.087	3.147	PV	8296	110901	2.34%	0.112%
9	3.165	3.147	3.189	VV	6626	85563	1.81%	0.086%
10	3.210	3.189	3.230	VV	9515	102118	2.15%	0.103%
11	3.254	3.230	3.297	VV	9995	163013	3.44%	0.165%
12	3.332	3.297	3.343	VV	17110	168325	3.55%	0.170%
13	3.351	3.343	3.373	VV	11892	99679	2.10%	0.101%
14	3.412	3.373	3.443	VV	27425	299881	6.33%	0.303%
15	3.498	3.443	3.538	VV	42650	681613	14.38%	0.688%
16	3.550	3.538	3.564	VV	3924	41195	0.87%	0.042%
17	3.584	3.564	3.609	VV	15911	167348	3.53%	0.169%
18	3.626	3.609	3.640	VV	10286	98760	2.08%	0.100%
19	3.659	3.640	3.685	VV	55678	514119	10.85%	0.519%
20	3.710	3.685	3.742	VV	7691	133449	2.82%	0.135%
21	3.755	3.742	3.772	VV	1992	20875	0.44%	0.021%
22	3.802	3.772	3.824	VV	7087	113769	2.40%	0.115%
23	3.840	3.824	3.859	VV	6385	92988	1.96%	0.094%
24	3.878	3.859	3.914	VV	17139	214957	4.54%	0.217%
25	3.931	3.914	3.972	VV	33981	335893	7.09%	0.339%
26	3.989	3.972	4.011	VV	2596	42923	0.91%	0.043%
27	4.036	4.011	4.069	VV	16157	204268	4.31%	0.206%
28	4.095	4.069	4.112	VV	5073	93718	1.98%	0.095%
29	4.127	4.112	4.143	VV	5772	63779	1.35%	0.064%
30	4.162	4.143	4.197	VV	11494	175816	3.71%	0.177%
31	4.229	4.197	4.241	VV	15623	182056	3.84%	0.184%
32	4.258	4.241	4.276	VV	21124	262230	5.53%	0.265%
33	4.293	4.276	4.312	VV	15572	205019	4.33%	0.207%
34	4.327	4.312	4.379	VV	22608	279755	5.90%	0.282%
35	4.405	4.379	4.442	VV	11806	189498	4.00%	0.191%
36	4.459	4.442	4.491	VV	11980	211980	4.47%	0.214%

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37	4.512	4.491	4.541	VV	22399	408505	8.62%	0.412%
38	4.567	4.541	4.575	VV	15612	255332	5.39%	0.258%
39	4.589	4.575	4.631	VV	43727	509168	10.74%	0.514%
40	4.645	4.631	4.657	VV	3589	40686	0.86%	0.041%
41	4.678	4.657	4.696	VV	6425	97672	2.06%	0.099%
42	4.710	4.696	4.736	VV	5064	86554	1.83%	0.087%
43	4.782	4.736	4.823	VV	15307	284107	6.00%	0.287%
44	4.836	4.823	4.845	VV	3161	36251	0.77%	0.037%
45	4.855	4.845	4.877	VV	3291	48505	1.02%	0.049%
46	4.905	4.877	4.924	VV	38366	464566	9.80%	0.469%
47	4.940	4.924	4.961	VV	29031	279740	5.90%	0.282%
48	4.974	4.961	4.987	VV	3573	43025	0.91%	0.043%
49	4.995	4.987	5.009	VV	2679	28726	0.61%	0.029%
50	5.021	5.009	5.029	VV	2354	25062	0.53%	0.025%
51	5.040	5.029	5.049	VV	2460	25802	0.54%	0.026%
52	5.093	5.049	5.107	VV	15444	224000	4.73%	0.226%
53	5.115	5.107	5.132	VV	9073	98381	2.08%	0.099%
54	5.139	5.132	5.157	VV	4517	59041	1.25%	0.060%
55	5.187	5.157	5.221	VV	27221	470553	9.93%	0.475%
56	5.240	5.221	5.257	VV	13782	152033	3.21%	0.153%
57	5.271	5.257	5.293	VV	6432	101162	2.13%	0.102%
58	5.307	5.293	5.336	VV	6276	102372	2.16%	0.103%
59	5.357	5.336	5.379	VV	7896	115030	2.43%	0.116%
60	5.409	5.379	5.429	VV	7492	144936	3.06%	0.146%
61	5.454	5.429	5.466	VV	9296	127479	2.69%	0.129%
62	5.480	5.466	5.516	VV	11282	179906	3.80%	0.182%
63	5.537	5.516	5.560	VV	8630	113710	2.40%	0.115%
64	5.592	5.560	5.612	VV	21133	325658	6.87%	0.329%
65	5.627	5.612	5.651	VV	10145	137286	2.90%	0.139%
66	5.667	5.651	5.684	VV	8286	99128	2.09%	0.100%
67	5.705	5.684	5.737	VV	11113	189230	3.99%	0.191%
68	5.757	5.737	5.782	VV	3071	60314	1.27%	0.061%
69	5.804	5.782	5.849	VV	6134	129741	2.74%	0.131%
70	5.874	5.849	5.892	VV	13998	166393	3.51%	0.168%
71	5.902	5.892	5.925	VV	3729	49442	1.04%	0.050%
72	5.965	5.925	5.978	VV	4574	89303	1.88%	0.090%
73	5.993	5.978	6.006	VV	6059	80936	1.71%	0.082%
74	6.023	6.006	6.046	VV	7619	112308	2.37%	0.113%
75	6.076	6.046	6.109	VV	5789	119933	2.53%	0.121%
76	6.124	6.109	6.137	VV	3224	44903	0.95%	0.045%
77	6.158	6.137	6.178	VV	9395	128649	2.71%	0.130%
78	6.197	6.178	6.245	VV	5966	126085	2.66%	0.127%
79	6.280	6.245	6.302	VV	6541	113537	2.40%	0.115%
80	6.316	6.302	6.333	VV	2779	39734	0.84%	0.040%
81	6.348	6.333	6.359	VV	2353	31195	0.66%	0.031%
82	6.395	6.359	6.417	VV	3871	97746	2.06%	0.099%
83	6.438	6.417	6.462	VV	6616	111843	2.36%	0.113%
84	6.475	6.462	6.486	VV	3748	50332	1.06%	0.051%
85	6.503	6.486	6.520	VV	6956	101023	2.13%	0.102%
86	6.531	6.520	6.552	VV	3842	56231	1.19%	0.057%
87	6.576	6.552	6.620	VV	4548	109693	2.31%	0.111%
88	6.640	6.620	6.667	VV	7800	104109	2.20%	0.105%
89	6.691	6.667	6.718	VV	2324	45810	0.97%	0.046%

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90	6.735	6.718	6.747	VV	1098	16921	0.36%	0.017%
91	6.761	6.747	6.772	VV	1290	17193	0.36%	0.017%
92	6.796	6.772	6.831	VV	9385	123251	2.60%	0.124%
93	6.852	6.831	6.866	VV	1622	29344	0.62%	0.030%
94	6.881	6.866	6.939	VV	1953	52624	1.11%	0.053%
95	6.972	6.939	6.994	VV	1956	38534	0.81%	0.039%
96	7.029	6.994	7.047	VV	1386	30549	0.64%	0.031%
97	7.058	7.047	7.077	VV	774	11542	0.24%	0.012%
98	7.114	7.077	7.148	VV	500403	4738704	100.00%	4.784%
99	7.164	7.148	7.175	VV	1349	18274	0.39%	0.018%
100	7.193	7.175	7.214	VV	2221	41693	0.88%	0.042%
101	7.223	7.214	7.259	VV	2057	37599	0.79%	0.038%
102	7.273	7.259	7.304	VV	1244	20357	0.43%	0.021%
103	7.322	7.304	7.342	VV	1498	22030	0.46%	0.022%
104	7.361	7.342	7.407	VV	1871	46396	0.98%	0.047%
105	7.416	7.407	7.462	VV	1168	24142	0.51%	0.024%
106	7.488	7.462	7.530	VV	2854	54807	1.16%	0.055%
107	7.537	7.530	7.566	VV	562	9574	0.20%	0.010%
108	7.598	7.566	7.614	VV	3442	44527	0.94%	0.045%
109	7.625	7.614	7.642	VV	1967	21781	0.46%	0.022%
110	7.665	7.642	7.695	VV	4220	53177	1.12%	0.054%
111	7.726	7.695	7.749	VV	13959	142195	3.00%	0.144%
112	7.757	7.749	7.767	VV	1173	11016	0.23%	0.011%
113	7.782	7.767	7.820	VV	1468	24603	0.52%	0.025%
114	7.838	7.820	7.856	VV	810	11529	0.24%	0.012%
115	7.870	7.856	7.904	VV	740	12130	0.26%	0.012%
116	7.919	7.904	7.950	VV	392	6967	0.15%	0.007%
117	7.982	7.950	8.010	VV	333544	3265263	68.91%	3.297%
118	8.026	8.010	8.059	VV	560	11437	0.24%	0.012%
119	8.078	8.059	8.100	VV	2060	24540	0.52%	0.025%
120	8.121	8.100	8.146	VV	1011	19262	0.41%	0.019%
121	8.156	8.146	8.167	VV	551	6809	0.14%	0.007%
122	8.200	8.167	8.229	VV	1905	32866	0.69%	0.033%
123	8.255	8.229	8.269	VV	403	5917	0.12%	0.006%
124	8.287	8.269	8.299	VV	556	6146	0.13%	0.006%
125	8.314	8.299	8.334	VV	968	12733	0.27%	0.013%
126	8.349	8.334	8.368	VV	1250	12793	0.27%	0.013%
127	8.390	8.368	8.414	VV	475	8003	0.17%	0.008%
128	8.439	8.414	8.454	VV	560	9138	0.19%	0.009%
129	8.485	8.454	8.507	VV	3663	46403	0.98%	0.047%
130	8.524	8.507	8.560	VV	1119	15380	0.32%	0.016%
131	8.574	8.560	8.614	VV	275	4962	0.10%	0.005%
132	8.642	8.614	8.653	PV	1038	13027	0.27%	0.013%
133	8.671	8.653	8.707	VV	1856	25544	0.54%	0.026%
134	8.721	8.707	8.737	VV	348	3690	0.08%	0.004%
135	8.777	8.737	8.800	VV	807	14999	0.32%	0.015%
136	8.860	8.800	8.915	VV	2930	49962	1.05%	0.050%
137	8.941	8.915	8.972	VV	1069	20348	0.43%	0.021%
138	8.985	8.972	9.001	VV	521	7141	0.15%	0.007%
139	9.012	9.001	9.027	VV	577	7939	0.17%	0.008%
140	9.041	9.027	9.057	VV	709	10215	0.22%	0.010%
141	9.066	9.057	9.091	VV	549	7951	0.17%	0.008%

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142	9.102	9.091	9.131	VV	376	5790	0.12%	0.006%
143	9.141	9.131	9.158	VV	272	2911	0.06%	0.003%
144	9.181	9.158	9.223	VV	808	18338	0.39%	0.019%
145	9.232	9.223	9.240	VV	498	4345	0.09%	0.004%
146	9.263	9.240	9.317	VV	2803	45850	0.97%	0.046%
147	9.342	9.317	9.357	VV	323	6628	0.14%	0.007%
148	9.373	9.357	9.406	VV	444	7225	0.15%	0.007%
149	9.443	9.406	9.489	PV	367	7762	0.16%	0.008%
150	9.498	9.489	9.520	VV	153	1614	0.03%	0.002%
151	9.541	9.520	9.563	PV	229	2390	0.05%	0.002%
152	9.603	9.563	9.630	PV	605	11848	0.25%	0.012%
153	9.652	9.630	9.678	VV	1483	21087	0.45%	0.021%
154	9.710	9.678	9.724	VV	730	13608	0.29%	0.014%
155	9.738	9.724	9.764	VV	1280	17034	0.36%	0.017%
156	9.782	9.764	9.825	VV	890	16518	0.35%	0.017%
157	9.857	9.825	9.894	VV	681	17002	0.36%	0.017%
158	9.926	9.894	9.946	VV	954	19965	0.42%	0.020%
159	9.954	9.946	9.964	VV	488	4822	0.10%	0.005%
160	9.999	9.964	10.040	VV	2901	49322	1.04%	0.050%
161	10.070	10.040	10.127	VV	2126	46653	0.98%	0.047%
162	10.134	10.127	10.148	VV	352	3867	0.08%	0.004%
163	10.156	10.148	10.177	VV	353	3657	0.08%	0.004%
164	10.225	10.177	10.235	VV	375	7673	0.16%	0.008%
165	10.260	10.235	10.294	VV	12640	133253	2.81%	0.135%
166	10.334	10.294	10.374	VV	2870	41095	0.87%	0.041%
167	10.394	10.374	10.434	VV	523	11246	0.24%	0.011%
168	10.452	10.434	10.489	VV	398	7804	0.16%	0.008%
169	10.508	10.489	10.521	VV	378	4104	0.09%	0.004%
170	10.562	10.521	10.587	VV	1154	24299	0.51%	0.025%
171	10.632	10.587	10.640	PV	520	10241	0.22%	0.010%
172	10.651	10.640	10.660	VV	458	4893	0.10%	0.005%
173	10.674	10.660	10.684	VV	570	6959	0.15%	0.007%
174	10.702	10.684	10.737	VV	2371	31822	0.67%	0.032%
175	10.752	10.737	10.765	VV	460	6046	0.13%	0.006%
176	10.794	10.765	10.825	VV	1555	27453	0.58%	0.028%
177	10.858	10.825	10.882	PV	517	8015	0.17%	0.008%
178	10.907	10.882	10.932	VV	594	9949	0.21%	0.010%
179	10.949	10.932	10.975	VV	296	4168	0.09%	0.004%
180	11.028	10.975	11.075	PV	297356	3137621	66.21%	3.168%
181	11.092	11.075	11.127	VV	2754	36162	0.76%	0.037%
182	11.178	11.127	11.195	VV	2678	47746	1.01%	0.048%
183	11.211	11.195	11.225	VV	1598	18502	0.39%	0.019%
184	11.242	11.225	11.290	VV	1776	24653	0.52%	0.025%
185	11.312	11.290	11.327	PV	339	4563	0.10%	0.005%
186	11.370	11.327	11.394	VV	2127	37635	0.79%	0.038%
187	11.413	11.394	11.433	VV	647	9099	0.19%	0.009%
188	11.461	11.433	11.494	VV	525	10632	0.22%	0.011%
189	11.531	11.494	11.552	VV	1210	15735	0.33%	0.016%
190	11.612	11.552	11.655	VV	1158	29765	0.63%	0.030%
191	11.677	11.655	11.698	VV	567	10049	0.21%	0.010%
192	11.709	11.698	11.727	VV	384	4545	0.10%	0.005%
193	11.744	11.727	11.764	VV	386	7134	0.15%	0.007%
194	11.784	11.764	11.829	VV	799	18067	0.38%	0.018%

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195	11.851	11.829	11.891	VV	725	17612	0.37%	0.018%
196	11.910	11.891	11.920	VV	401	5632	0.12%	0.006%
197	11.960	11.920	11.980	VV	1908	30651	0.65%	0.031%
198	12.011	11.980	12.045	VV	2655	48078	1.01%	0.049%
199	12.076	12.045	12.113	VV	19381	215871	4.56%	0.218%
200	12.145	12.113	12.187	VV	588	14554	0.31%	0.015%
201	12.234	12.187	12.246	VV	490	10708	0.23%	0.011%
202	12.266	12.246	12.324	VV	945	22779	0.48%	0.023%
203	12.331	12.324	12.347	VV	319	3319	0.07%	0.003%
204	12.375	12.347	12.396	VV	16837	189079	3.99%	0.191%
205	12.409	12.396	12.424	VV	3675	42706	0.90%	0.043%
206	12.457	12.424	12.492	VV	214244	2485756	52.46%	2.510%
207	12.510	12.492	12.529	VV	799	13972	0.29%	0.014%
208	12.547	12.529	12.597	VV	909	21545	0.45%	0.022%
209	12.623	12.597	12.659	PV	1709	35906	0.76%	0.036%
210	12.675	12.659	12.687	VV	725	10187	0.21%	0.010%
211	12.707	12.687	12.751	VV	894	20122	0.42%	0.020%
212	12.772	12.751	12.785	VV	807	10995	0.23%	0.011%
213	12.835	12.785	12.872	VV	1693	53706	1.13%	0.054%
214	12.888	12.872	12.919	VV	1216	23204	0.49%	0.023%
215	12.962	12.919	12.994	VV	3568	67882	1.43%	0.069%
216	13.071	12.994	13.092	VV	2672	71259	1.50%	0.072%
217	13.110	13.092	13.142	VV	2280	39699	0.84%	0.040%
218	13.153	13.142	13.178	VV	1033	18522	0.39%	0.019%
219	13.207	13.178	13.229	VV	2596	50461	1.06%	0.051%
220	13.239	13.229	13.257	VV	2210	28805	0.61%	0.029%
221	13.279	13.257	13.315	VV	1845	40513	0.85%	0.041%
222	13.357	13.315	13.379	VV	1017	28013	0.59%	0.028%
223	13.442	13.379	13.472	VV	1563	60456	1.28%	0.061%
224	13.495	13.472	13.524	VV	1062	30167	0.64%	0.030%
225	13.543	13.524	13.555	VV	939	16012	0.34%	0.016%
226	13.571	13.555	13.594	VV	1330	26044	0.55%	0.026%
227	13.604	13.594	13.613	VV	1322	14466	0.31%	0.015%
228	13.644	13.613	13.681	VV	2268	74497	1.57%	0.075%
229	13.694	13.681	13.741	VV	1973	52663	1.11%	0.053%
230	13.769	13.741	13.791	VV	4065	72373	1.53%	0.073%
231	13.801	13.791	13.809	VV	1670	17630	0.37%	0.018%
232	13.833	13.809	13.849	VV	2031	44029	0.93%	0.044%
233	13.874	13.849	13.919	VV	2779	83795	1.77%	0.085%
234	13.939	13.919	13.959	VV	3927	60044	1.27%	0.061%
235	13.986	13.959	14.021	VV	2607	75243	1.59%	0.076%
236	14.057	14.021	14.080	VV	1772	57221	1.21%	0.058%
237	14.122	14.080	14.154	VV	1798	67238	1.42%	0.068%
238	14.162	14.154	14.182	VV	1662	25542	0.54%	0.026%
239	14.200	14.182	14.221	VV	2323	42902	0.91%	0.043%
240	14.248	14.221	14.269	VV	9799	142896	3.02%	0.144%
241	14.290	14.269	14.330	VV	10747	208724	4.40%	0.211%
242	14.352	14.330	14.372	VV	2398	52318	1.10%	0.053%
243	14.414	14.372	14.434	VV	3203	88124	1.86%	0.089%
244	14.450	14.434	14.471	VV	2437	47937	1.01%	0.048%
245	14.498	14.471	14.529	VV	2214	70239	1.48%	0.071%
246	14.560	14.529	14.579	VV	2709	69183	1.46%	0.070%

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247	14.591	14.579	14.639	VV	2594	79811	1.68%	0.081%
248	14.643	14.639	14.665	VV	2154	31901	0.67%	0.032%
249	14.701	14.665	14.804	VV	13493	575993	12.16%	0.582%
250	14.829	14.804	14.867	VV	8581	198271	4.18%	0.200%
251	14.880	14.867	14.890	VV	3755	46967	0.99%	0.047%
252	14.917	14.890	14.943	VV	6332	144154	3.04%	0.146%
253	14.960	14.943	14.992	VV	3591	85201	1.80%	0.086%
254	15.005	14.992	15.027	VV	2882	57773	1.22%	0.058%
255	15.087	15.027	15.119	VV	3893	177820	3.75%	0.180%
256	15.157	15.119	15.188	VV	3838	133766	2.82%	0.135%
257	15.246	15.188	15.266	VV	3599	145654	3.07%	0.147%
258	15.276	15.266	15.297	VV	3548	63888	1.35%	0.065%
259	15.329	15.297	15.355	VV	10705	212091	4.48%	0.214%
260	15.365	15.355	15.409	VV	4230	118801	2.51%	0.120%
261	15.427	15.409	15.437	VV	3438	55636	1.17%	0.056%
262	15.453	15.437	15.466	VV	3478	59473	1.26%	0.060%
263	15.473	15.466	15.481	VV	3535	31692	0.67%	0.032%
264	15.537	15.481	15.546	VV	4692	162090	3.42%	0.164%
265	15.555	15.546	15.577	VV	4567	80939	1.71%	0.082%
266	15.587	15.577	15.595	VV	4297	43689	0.92%	0.044%
267	15.641	15.595	15.666	VV	5115	198216	4.18%	0.200%
268	15.729	15.666	15.757	VV	6225	288410	6.09%	0.291%
269	15.809	15.757	15.862	VV	24481	653185	13.78%	0.659%
270	15.896	15.862	15.911	VV	5592	154393	3.26%	0.156%
271	15.940	15.911	15.966	VV	16383	312343	6.59%	0.315%
272	15.973	15.966	16.011	VV	6596	162034	3.42%	0.164%
273	16.031	16.011	16.067	VV	6086	196604	4.15%	0.198%
274	16.127	16.067	16.147	VV	12616	390006	8.23%	0.394%
275	16.182	16.147	16.204	VV	14652	343162	7.24%	0.346%
276	16.221	16.204	16.242	VV	7950	167389	3.53%	0.169%
277	16.279	16.242	16.307	VV	25123	513708	10.84%	0.519%
278	16.327	16.307	16.372	VV	8781	305242	6.44%	0.308%
279	16.426	16.372	16.457	VV	8007	378336	7.98%	0.382%
280	16.542	16.457	16.564	VV	9783	541173	11.42%	0.546%
281	16.571	16.564	16.588	VV	8886	127469	2.69%	0.129%
282	16.609	16.588	16.637	VV	8941	251317	5.30%	0.254%
283	16.681	16.637	16.693	VV	10088	308497	6.51%	0.311%
284	16.729	16.693	16.759	VV	29147	653844	13.80%	0.660%
285	16.776	16.759	16.797	VV	9886	218381	4.61%	0.220%
286	16.855	16.797	16.899	VV	10996	613156	12.94%	0.619%
287	16.914	16.899	16.932	VV	10260	198002	4.18%	0.200%
288	16.946	16.932	16.956	VV	10137	144464	3.05%	0.146%
289	16.974	16.956	16.984	VV	10157	163829	3.46%	0.165%
290	17.010	16.984	17.033	VV	11308	309024	6.52%	0.312%
291	17.078	17.033	17.090	VV	11176	375307	7.92%	0.379%
292	17.167	17.090	17.208	VV	33954	1115245	23.53%	1.126%
293	17.234	17.208	17.242	VV	12023	238295	5.03%	0.241%
294	17.256	17.242	17.270	VV	12449	209583	4.42%	0.212%
295	17.329	17.270	17.387	VV	16696	961326	20.29%	0.971%
296	17.410	17.387	17.417	VV	13158	234233	4.94%	0.236%
297	17.462	17.417	17.478	VV	14579	507260	10.70%	0.512%
298	17.491	17.478	17.507	VV	14740	247260	5.22%	0.250%
299	17.550	17.507	17.569	VV	24895	742665	15.67%	0.750%

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300	17.589	17.569	17.629	VV	36063	845965	17.85%	0.854%
301	17.639	17.629	17.662	VV	15765	311785	6.58%	0.315%
302	17.693	17.662	17.772	VV	21440	1134437	23.94%	1.145%
303	17.807	17.772	17.829	VV	21945	613024	12.94%	0.619%
304	17.858	17.829	17.870	VV	17603	412227	8.70%	0.416%
305	17.891	17.870	17.917	VV	18989	502279	10.60%	0.507%
306	17.942	17.917	17.954	VV	17572	386526	8.16%	0.390%
307	17.997	17.954	18.054	VV	30583	1246671	26.31%	1.259%
308	18.117	18.054	18.140	VV	21866	997649	21.05%	1.007%
309	18.167	18.140	18.192	VV	21913	646756	13.65%	0.653%
310	18.202	18.192	18.219	VV	19878	322334	6.80%	0.325%
311	18.296	18.219	18.311	VV	21474	1141178	24.08%	1.152%
312	18.395	18.311	18.437	VV	30632	1859089	39.23%	1.877%
313	18.446	18.437	18.480	VV	23826	588066	12.41%	0.594%
314	18.517	18.480	18.574	VV	22920	1230182	25.96%	1.242%
315	18.600	18.574	18.633	VV	21781	757865	15.99%	0.765%
316	18.661	18.633	18.696	VV	21195	787011	16.61%	0.795%
317	18.715	18.696	18.774	VV	21461	982042	20.72%	0.991%
318	18.815	18.774	18.841	VV	23945	876213	18.49%	0.885%
319	18.862	18.841	18.881	VV	21739	500990	10.57%	0.506%
320	18.894	18.881	18.926	VV	21567	565149	11.93%	0.571%
321	18.943	18.926	18.962	VV	20767	452405	9.55%	0.457%
322	18.970	18.962	18.997	VV	20608	425375	8.98%	0.429%
323	19.028	18.997	19.061	VV	22276	785776	16.58%	0.793%
324	19.070	19.061	19.081	VV	19844	236240	4.99%	0.239%
325	19.108	19.081	19.151	VV	21394	851883	17.98%	0.860%
326	19.174	19.151	19.221	VV	20715	840133	17.73%	0.848%
327	19.292	19.221	19.332	VV	21421	1342927	28.34%	1.356%
328	19.358	19.332	19.427	VV	19379	1070578	22.59%	1.081%
329	19.523	19.427	19.570	VV	19851	1606976	33.91%	1.622%
330	19.614	19.570	19.706	VV	18845	1504362	31.75%	1.519%
331	19.731	19.706	19.763	VV	17705	591953	12.49%	0.598%
332	19.787	19.763	19.804	VV	17442	430810	9.09%	0.435%
333	19.845	19.804	19.899	VV	18579	997907	21.06%	1.007%
334	19.930	19.899	20.001	VV	17564	1020479	21.53%	1.030%
335	20.038	20.001	20.079	VV	16520	766816	16.18%	0.774%
336	20.087	20.079	20.095	VV	16691	160427	3.39%	0.162%
337	20.104	20.095	20.144	VV	16684	473111	9.98%	0.478%
338	20.162	20.144	20.214	VV	16315	667430	14.08%	0.674%
339	20.226	20.214	20.249	VV	15611	324549	6.85%	0.328%
340	20.264	20.249	20.271	VV	15507	208834	4.41%	0.211%
341	20.282	20.271	20.296	VV	15573	224131	4.73%	0.226%
342	20.300	20.296	20.344	VV	15568	442957	9.35%	0.447%
343	20.354	20.344	20.378	VV	15125	309118	6.52%	0.312%
344	20.390	20.378	20.403	VV	14898	217742	4.59%	0.220%
345	20.413	20.403	20.429	VV	14684	222864	4.70%	0.225%
346	20.481	20.429	20.587	VV	15697	1396898	29.48%	1.410%
347	20.594	20.587	20.609	VV	14187	182815	3.86%	0.185%
348	20.617	20.609	20.651	VV	14093	349433	7.37%	0.353%
349	20.693	20.651	20.702	VV	14274	434194	9.16%	0.438%
350	20.716	20.702	20.756	VV	14373	449192	9.48%	0.453%
351	20.772	20.756	20.819	VV	14330	531720	11.22%	0.537%

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352	20.830	20.819	20.840	VV	13936	178134	3.76%	0.180%
353	20.848	20.840	20.881	VV	14186	333935	7.05%	0.337%
354	20.903	20.881	21.026	VV	13919	1163564	24.55%	1.175%
355	21.033	21.026	21.043	VV	13068	133038	2.81%	0.134%
356	21.055	21.043	21.081	VV	13052	292857	6.18%	0.296%
357	21.111	21.081	21.156	VV	13331	587179	12.39%	0.593%
358	21.179	21.156	21.187	VV	13257	249898	5.27%	0.252%
359	21.239	21.187	21.284	VV	14083	784889	16.56%	0.792%
360	21.287	21.284	21.312	VV	13130	218344	4.61%	0.220%
361	21.320	21.312	21.332	VV	12881	153091	3.23%	0.155%
362	21.338	21.332	21.347	VV	12706	113944	2.40%	0.115%
363	21.377	21.347	21.411	VV	13130	484867	10.23%	0.490%
364	21.419	21.411	21.446	VV	12916	264184	5.58%	0.267%
365	21.467	21.446	21.481	VV	12780	265702	5.61%	0.268%
366	21.489	21.481	21.497	VV	12401	117509	2.48%	0.119%
367	21.513	21.497	21.524	VV	12452	202319	4.27%	0.204%
368	21.545	21.524	21.554	VV	12459	219918	4.64%	0.222%
369	21.581	21.554	21.609	VV	12720	415857	8.78%	0.420%
370	21.622	21.609	21.679	VV	12433	505172	10.66%	0.510%
371	21.693	21.679	21.749	VV	12311	504458	10.65%	0.509%
372	21.766	21.749	21.777	VV	12082	203259	4.29%	0.205%
373	21.803	21.777	21.815	VV	12188	275127	5.81%	0.278%
374	21.838	21.815	21.871	VV	12238	397986	8.40%	0.402%
375	21.877	21.871	21.897	VV	11949	188330	3.97%	0.190%
376	21.912	21.897	21.937	VV	12034	281436	5.94%	0.284%
377	21.951	21.937	21.959	VV	11775	151150	3.19%	0.153%
378	21.967	21.959	22.012	VV	11734	367808	7.76%	0.371%
379	22.020	22.012	22.059	VV	11405	313944	6.63%	0.317%
380	22.068	22.059	22.084	VV	11294	169839	3.58%	0.171%
381	22.100	22.084	22.192	VV	11903	741733	15.65%	0.749%
382	22.213	22.192	22.242	VV	10989	324414	6.85%	0.328%
383	22.249	22.242	22.306	VV	10833	396589	8.37%	0.400%
384	22.324	22.306	22.346	VV	10330	240713	5.08%	0.243%
385	22.354	22.346	22.367	VV	10218	129111	2.72%	0.130%
386	22.387	22.367	22.409	VV	10958	257078	5.43%	0.260%
387	22.417	22.409	22.460	VV	10136	305210	6.44%	0.308%
388	22.470	22.460	22.483	VV	9816	131701	2.78%	0.133%
389	22.512	22.483	22.522	VV	9987	231279	4.88%	0.233%
390	22.550	22.522	22.571	VV	9965	291847	6.16%	0.295%
391	22.599	22.571	22.612	VV	9828	238909	5.04%	0.241%
392	22.620	22.612	22.629	VV	9857	96776	2.04%	0.098%
393	22.640	22.629	22.662	VV	9825	193853	4.09%	0.196%
394	22.713	22.662	22.740	VV	9841	452540	9.55%	0.457%
395	22.748	22.740	22.774	VV	9479	185937	3.92%	0.188%
396	22.788	22.774	22.826	VV	9512	290935	6.14%	0.294%
397	22.838	22.826	22.850	VV	9394	138130	2.91%	0.139%
398	22.861	22.850	22.920	VV	9253	372801	7.87%	0.376%
399	22.927	22.920	22.939	VV	8783	103237	2.18%	0.104%
400	22.966	22.939	22.977	VV	8864	198694	4.19%	0.201%
401	22.984	22.977	23.017	VV	8795	204217	4.31%	0.206%
402	23.055	23.017	23.067	VV	8911	264052	5.57%	0.267%
403	23.076	23.067	23.083	VV	8676	84546	1.78%	0.085%
404	23.141	23.083	23.172	VV	9229	482071	10.17%	0.487%

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405	23.178	23.172	23.223	VV	9092	265438	5.60%	0.268%	
406	23.235	23.223	23.272	VV	8325	239130	5.05%	0.241%	
407	23.286	23.272	23.301	VBA	8290	149391	3.15%	0.151%	
					Sum of corrected areas:	99051736			

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