

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051619AL\
 Data File : FC041247.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2019 4:38
 Sample : K2644-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 051519.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	3.476	3.435	3.571	BV	298	5736	0.05%	0.002%
2	3.605	3.571	3.629	PV	146	2216	0.02%	0.001%
3	3.636	3.629	3.654	VV	108	1122	0.01%	0.000%
4	3.672	3.654	3.714	VV	157	3124	0.03%	0.001%
5	3.773	3.714	3.791	PV	253	5411	0.04%	0.002%
6	3.808	3.791	3.838	VV	142	3193	0.03%	0.001%
7	3.858	3.838	3.883	VV	284	5186	0.04%	0.002%
8	3.890	3.883	3.902	VV	219	1460	0.01%	0.001%
9	3.912	3.902	3.947	VV	160	3076	0.02%	0.001%
10	3.971	3.947	4.000	VV	204	4718	0.04%	0.002%
11	4.003	4.000	4.014	VV	229	1072	0.01%	0.000%
12	4.028	4.014	4.040	VV	212	2193	0.02%	0.001%
13	4.054	4.040	4.061	VV	217	2130	0.02%	0.001%
14	4.077	4.061	4.085	VV	234	2556	0.02%	0.001%
15	4.093	4.085	4.111	VV	177	2262	0.02%	0.001%
16	4.127	4.111	4.207	VV	776	18655	0.15%	0.007%
17	4.230	4.207	4.267	VV	267	6633	0.05%	0.002%
18	4.296	4.267	4.337	VV	509	14281	0.12%	0.005%
19	4.342	4.337	4.384	VV	459	8079	0.07%	0.003%
20	4.393	4.384	4.450	VV	226	7182	0.06%	0.003%
21	4.472	4.450	4.517	VV	225	6422	0.05%	0.002%
22	4.548	4.517	4.571	VV	433	7030	0.06%	0.002%
23	4.593	4.571	4.662	VV	249	9815	0.08%	0.003%
24	4.695	4.662	4.729	VV	705	10511	0.09%	0.004%
25	4.770	4.729	4.869	VV	3237	61782	0.50%	0.022%
26	4.888	4.869	4.924	VV	350	8097	0.07%	0.003%
27	4.931	4.924	4.959	VV	196	3716	0.03%	0.001%
28	4.966	4.959	4.988	VV	254	3083	0.02%	0.001%
29	5.004	4.988	5.022	VV	252	3495	0.03%	0.001%
30	5.031	5.022	5.067	VV	259	4209	0.03%	0.001%

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31	5.090	5.067	5.132	VV	290	6798	0.06%	0.002%	
32	5.145	5.132	5.165	VV	234	3270	0.03%	0.001%	
33	5.182	5.165	5.220	VV	375	6030	0.05%	0.002%	
34	5.241	5.220	5.265	VV	308	5671	0.05%	0.002%	
35	5.287	5.265	5.312	VV	258	4428	0.04%	0.002%	
36	5.328	5.312	5.343	VV	164	1832	0.01%	0.001%	
37	5.370	5.343	5.392	PV	285	5616	0.05%	0.002%	
38	5.404	5.392	5.435	VV	457	6568	0.05%	0.002%	
39	5.468	5.435	5.498	VV	231	5785	0.05%	0.002%	
40	5.509	5.498	5.525	VV	131	1538	0.01%	0.001%	
41	5.536	5.525	5.563	VV	119	1722	0.01%	0.001%	
42	5.584	5.563	5.607	VV	410	5108	0.04%	0.002%	
43	5.623	5.607	5.641	VV	406	4811	0.04%	0.002%	
44	5.649	5.641	5.668	VV	192	2167	0.02%	0.001%	
45	5.679	5.668	5.685	VV	124	1247	0.01%	0.000%	
46	5.692	5.685	5.719	VV	199	2213	0.02%	0.001%	
47	5.737	5.719	5.747	VV	169	1437	0.01%	0.001%	
48	5.778	5.747	5.800	VV	229	3934	0.03%	0.001%	
49	5.853	5.800	5.880	VV	768	13012	0.11%	0.005%	
50	5.894	5.880	5.907	VV	719	9535	0.08%	0.003%	
51	5.920	5.907	5.984	VV	690	13496	0.11%	0.005%	
52	5.998	5.984	6.027	VV	230	4337	0.04%	0.002%	
53	6.039	6.027	6.060	VV	181	2230	0.02%	0.001%	
54	6.078	6.060	6.104	VV	257	4689	0.04%	0.002%	
55	6.140	6.104	6.174	VV	2899	32093	0.26%	0.011%	
56	6.180	6.174	6.200	VV	172	2305	0.02%	0.001%	
57	6.229	6.200	6.257	VV	287	6334	0.05%	0.002%	
58	6.276	6.257	6.304	VV	633	9649	0.08%	0.003%	
59	6.313	6.304	6.339	VV	151	3142	0.03%	0.001%	
60	6.347	6.339	6.369	VV	161	1853	0.01%	0.001%	
61	6.384	6.369	6.391	VV	220	1505	0.01%	0.001%	
62	6.407	6.391	6.435	VV	393	5500	0.04%	0.002%	
63	6.456	6.435	6.482	VV	191	3380	0.03%	0.001%	
64	6.489	6.482	6.500	VV	174	1652	0.01%	0.001%	
65	6.504	6.500	6.547	VV	184	3223	0.03%	0.001%	
66	6.561	6.547	6.619	VV	553	9303	0.08%	0.003%	
67	6.631	6.619	6.652	PV	127	1370	0.01%	0.000%	
68	6.673	6.652	6.682	PV	179	1452	0.01%	0.001%	
69	6.709	6.682	6.744	VV	222	5064	0.04%	0.002%	
70	6.771	6.744	6.805	VV	558	7556	0.06%	0.003%	
71	6.840	6.820	6.860	VV	186	2339	0.02%	0.001%	
72	6.889	6.860	6.932	PV	450	8549	0.07%	0.003%	
73	6.972	6.932	6.997	VV	460	8206	0.07%	0.003%	
74	7.006	6.997	7.020	VV	145	1334	0.01%	0.000%	
75	7.038	7.020	7.052	PV	276	2795	0.02%	0.001%	
76	7.067	7.052	7.078	VV	238	3234	0.03%	0.001%	
77	7.094	7.078	7.114	VV	286	4192	0.03%	0.001%	

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78	7.142	7.114	7.160	VV	177	4255	0.03%	0.001%
79	7.191	7.160	7.229	VV	2109	26363	0.21%	0.009%
80	7.248	7.229	7.274	VV	1101	15271	0.12%	0.005%
81	7.286	7.274	7.304	VV	310	4425	0.04%	0.002%
82	7.326	7.304	7.410	VV	2613	33528	0.27%	0.012%
83	7.429	7.410	7.437	VV	264	2911	0.02%	0.001%
84	7.444	7.437	7.459	VV	212	2004	0.02%	0.001%
85	7.480	7.459	7.514	VV	651	9100	0.07%	0.003%
86	7.531	7.514	7.599	VV	288	6917	0.06%	0.002%
87	7.625	7.599	7.644	VV	241	3748	0.03%	0.001%
88	7.664	7.644	7.685	VV	185	3427	0.03%	0.001%
89	7.712	7.685	7.733	VV	155	2652	0.02%	0.001%
90	7.749	7.733	7.759	PV	131	1321	0.01%	0.000%
91	7.890	7.850	7.899	VV	1042	22387	0.18%	0.008%
92	7.910	7.899	7.947	VV	1147	19308	0.16%	0.007%
93	7.953	7.947	7.984	VV	342	5588	0.05%	0.002%
94	8.011	7.984	8.027	VV	231	3712	0.03%	0.001%
95	8.069	8.027	8.123	VV	1051	24974	0.20%	0.009%
96	8.174	8.123	8.219	VV	1420	33142	0.27%	0.012%
97	8.237	8.219	8.262	VV	1118	15152	0.12%	0.005%
98	8.283	8.262	8.299	VV	4660	48039	0.39%	0.017%
99	8.311	8.299	8.327	VV	2562	27331	0.22%	0.010%
100	8.343	8.327	8.382	VV	1766	26722	0.22%	0.009%
101	8.409	8.382	8.427	VV	12535	125062	1.01%	0.044%
102	8.471	8.427	8.507	VV	15145	218226	1.77%	0.077%
103	8.521	8.507	8.540	VV	1970	26848	0.22%	0.009%
104	8.557	8.540	8.588	VV	1448	22506	0.18%	0.008%
105	8.604	8.588	8.637	VV	479	11430	0.09%	0.004%
106	8.710	8.694	8.737	VV	3555	39801	0.32%	0.014%
107	8.763	8.737	8.787	VV	26177	262367	2.12%	0.092%
108	8.806	8.787	8.849	VV	1578	35556	0.29%	0.013%
109	8.899	8.849	8.937	VV	1715	46343	0.38%	0.016%
110	8.971	8.937	8.980	VV	989	15697	0.13%	0.006%
111	9.000	8.980	9.014	VV	2608	34145	0.28%	0.012%
112	9.033	9.014	9.057	VV	11141	113616	0.92%	0.040%
113	9.072	9.057	9.098	VV	999	17309	0.14%	0.006%
114	9.122	9.098	9.137	VV	1042	15028	0.12%	0.005%
115	9.167	9.137	9.187	VV	3612	43738	0.35%	0.015%
116	9.208	9.187	9.280	VV	2865	43864	0.35%	0.015%
117	9.325	9.280	9.339	VV	3179	39158	0.32%	0.014%
118	9.354	9.339	9.382	VV	2970	35357	0.29%	0.012%
119	9.407	9.382	9.425	VV	931	13825	0.11%	0.005%
120	9.459	9.425	9.477	VV	2473	38025	0.31%	0.013%
121	9.497	9.477	9.517	VV	1620	23022	0.19%	0.008%
122	9.543	9.517	9.597	VV	50013	531564	4.30%	0.187%
123	9.625	9.597	9.648	VV	3496	56446	0.46%	0.020%
124	9.663	9.648	9.673	VV	2946	29847	0.24%	0.011%

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125	9.693	9.673	9.710	VV	8280	108332	0.88%	0.038%
126	9.720	9.710	9.737	VV	4469	48803	0.39%	0.017%
127	9.753	9.737	9.780	VV	4280	58937	0.48%	0.021%
128	9.805	9.780	9.837	VV	2630	42109	0.34%	0.015%
129	9.862	9.837	9.885	VV	7465	95375	0.77%	0.034%
130	9.901	9.885	9.923	VV	2651	38806	0.31%	0.014%
131	9.962	9.923	10.005	VV	7709	170532	1.38%	0.060%
132	10.024	10.005	10.044	VV	1872	24193	0.20%	0.009%
133	10.058	10.044	10.093	VV	1108	18856	0.15%	0.007%
134	10.124	10.093	10.159	VV	1515	32032	0.26%	0.011%
135	10.166	10.159	10.194	VV	375	5178	0.04%	0.002%
136	10.215	10.194	10.244	PV	733	10886	0.09%	0.004%
137	10.282	10.244	10.313	VV	1880	31354	0.25%	0.011%
138	10.332	10.313	10.350	VV	1545	21459	0.17%	0.008%
139	10.364	10.350	10.371	VV	1108	11263	0.09%	0.004%
140	10.391	10.371	10.400	VV	3014	34576	0.28%	0.012%
141	10.420	10.400	10.442	VV	11790	148900	1.20%	0.052%
142	10.461	10.442	10.496	VV	7763	89675	0.73%	0.032%
143	10.539	10.496	10.573	VV	8902	146586	1.19%	0.052%
144	10.592	10.573	10.625	VV	4584	82536	0.67%	0.029%
145	10.633	10.625	10.649	VV	1672	20072	0.16%	0.007%
146	10.677	10.649	10.692	VV	4485	63368	0.51%	0.022%
147	10.708	10.692	10.720	VV	4961	59391	0.48%	0.021%
148	10.745	10.720	10.781	VV	21184	305735	2.47%	0.108%
149	10.839	10.781	10.857	VV	3346	76347	0.62%	0.027%
150	10.878	10.857	10.894	VV	1167	22192	0.18%	0.008%
151	10.946	10.894	10.989	VV	440833	4871011	39.42%	1.716%
152	11.017	10.989	11.079	VV	135434	1673936	13.55%	0.590%
153	11.093	11.079	11.107	VV	2432	28006	0.23%	0.010%
154	11.124	11.107	11.131	VV	1668	22319	0.18%	0.008%
155	11.145	11.131	11.163	VV	1956	27180	0.22%	0.010%
156	11.183	11.163	11.200	VV	7711	80777	0.65%	0.028%
157	11.225	11.200	11.270	VV	105551	1100621	8.91%	0.388%
158	11.298	11.270	11.314	PV	2696	48415	0.39%	0.017%
159	11.334	11.314	11.357	VV	4737	82321	0.67%	0.029%
160	11.379	11.357	11.394	VV	4464	78043	0.63%	0.027%
161	11.403	11.394	11.419	VV	3883	50878	0.41%	0.018%
162	11.434	11.419	11.444	VV	4406	58654	0.47%	0.021%
163	11.469	11.444	11.509	VV	12209	246716	2.00%	0.087%
164	11.534	11.509	11.558	VV	5004	70404	0.57%	0.025%
165	11.592	11.558	11.615	VV	8084	106996	0.87%	0.038%
166	11.631	11.615	11.645	VV	1903	25614	0.21%	0.009%
167	11.704	11.645	11.725	VV	254592	2759863	22.33%	0.972%
168	11.742	11.725	11.757	VV	47753	508286	4.11%	0.179%
169	11.773	11.757	11.800	VV	60422	665985	5.39%	0.235%
170	11.860	11.800	11.877	VV	117027	1498378	12.13%	0.528%

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171	11.891	11.877	11.905	VV	31836	355685	2.88%	0.125%
172	11.921	11.905	11.944	VV	43326	490397	3.97%	0.173%
173	11.986	11.944	12.017	VV	19781	359576	2.91%	0.127%
174	12.057	12.017	12.073	VV	5759	135987	1.10%	0.048%
175	12.096	12.073	12.117	VV	30337	340596	2.76%	0.120%
176	12.141	12.117	12.159	VV	3946	77357	0.63%	0.027%
177	12.172	12.159	12.184	VV	2805	34315	0.28%	0.012%
178	12.208	12.184	12.229	VV	31698	362077	2.93%	0.128%
179	12.242	12.229	12.257	VV	5779	70340	0.57%	0.025%
180	12.281	12.257	12.333	VV	7720	172596	1.40%	0.061%
181	12.357	12.333	12.375	VV	5943	81311	0.66%	0.029%
182	12.389	12.375	12.407	VV	3604	49346	0.40%	0.017%
183	12.460	12.407	12.471	VV	7881	152137	1.23%	0.054%
184	12.482	12.471	12.509	VV	8261	114389	0.93%	0.040%
185	12.529	12.509	12.569	VV	14867	249368	2.02%	0.088%
186	12.593	12.569	12.620	PV	10661	187789	1.52%	0.066%
187	12.642	12.620	12.662	VV	33915	445221	3.60%	0.157%
188	12.682	12.662	12.700	VV	16159	278620	2.25%	0.098%
189	12.708	12.700	12.729	VV	10361	142120	1.15%	0.050%
190	12.772	12.729	12.799	VV	988531	12357730	100.00%	4.353%
191	12.820	12.799	12.840	VV	17697	192118	1.55%	0.068%
192	12.855	12.840	12.863	VV	3037	32528	0.26%	0.011%
193	12.945	12.863	13.030	VV	32535	1181732	9.56%	0.416%
194	13.069	13.030	13.090	VV	795275	9881275	79.96%	3.481%
195	13.133	13.090	13.176	VV	197223	3860841	31.24%	1.360%
196	13.194	13.176	13.207	VV	4723	67031	0.54%	0.024%
197	13.227	13.207	13.239	VV	27659	305713	2.47%	0.108%
198	13.253	13.239	13.277	VV	32105	385177	3.12%	0.136%
199	13.319	13.277	13.357	VV	39454	573548	4.64%	0.202%
200	13.392	13.357	13.410	VV	30139	421511	3.41%	0.148%
201	13.425	13.410	13.435	VV	14056	146036	1.18%	0.051%
202	13.450	13.435	13.487	VV	25033	371509	3.01%	0.131%
203	13.512	13.487	13.539	VV	49093	744818	6.03%	0.262%
204	13.549	13.539	13.575	VV	4686	74353	0.60%	0.026%
205	13.644	13.575	13.681	VV	170861	2447090	19.80%	0.862%
206	13.708	13.681	13.723	VV	10977	174317	1.41%	0.061%
207	13.751	13.723	13.773	VV	139806	1809574	14.64%	0.637%
208	13.791	13.773	13.818	VV	56429	753209	6.10%	0.265%
209	13.832	13.818	13.851	VV	14907	215450	1.74%	0.076%
210	13.880	13.851	13.888	VV	20045	306863	2.48%	0.108%
211	13.920	13.888	13.940	VV	50870	873393	7.07%	0.308%
212	13.960	13.940	13.994	VV	49216	667944	5.41%	0.235%
213	14.030	13.994	14.050	VV	17899	314808	2.55%	0.111%
214	14.073	14.050	14.102	VV	8379	209908	1.70%	0.074%
215	14.119	14.102	14.153	VV	10157	237556	1.92%	0.084%
216	14.167	14.153	14.187	VV	8981	121336	0.98%	0.043%
217	14.197	14.187	14.207	VV	2715	29044	0.24%	0.010%

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218	14.224	14.207	14.260	VV	5805	113347	0.92%	0.040%
219	14.278	14.260	14.290	VV	3669	53159	0.43%	0.019%
220	14.335	14.290	14.358	VV	23376	528302	4.28%	0.186%
221	14.374	14.358	14.412	VV	26643	482867	3.91%	0.170%
222	14.443	14.412	14.461	VV	17597	365981	2.96%	0.129%
223	14.477	14.461	14.521	VV	18441	383449	3.10%	0.135%
224	14.555	14.521	14.595	VV	70349	1132833	9.17%	0.399%
225	14.620	14.595	14.641	VV	133340	1766789	14.30%	0.622%
226	14.659	14.641	14.715	VV	46496	1102253	8.92%	0.388%
227	14.742	14.715	14.757	VV	11246	201351	1.63%	0.071%
228	14.800	14.757	14.855	VV	35522	840823	6.80%	0.296%
229	14.883	14.855	14.902	VV	29396	425997	3.45%	0.150%
230	14.937	14.902	14.957	VV	443282	6229266	50.41%	2.194%
231	14.981	14.957	15.005	VV	496683	5904713	47.78%	2.080%
232	15.018	15.005	15.043	VV	13566	205249	1.66%	0.072%
233	15.095	15.043	15.141	VV	139002	2452578	19.85%	0.864%
234	15.164	15.141	15.199	VV	41537	672303	5.44%	0.237%
235	15.226	15.199	15.254	VV	45459	790996	6.40%	0.279%
236	15.271	15.254	15.341	VV	51652	1141582	9.24%	0.402%
237	15.371	15.341	15.400	VV	24930	645683	5.22%	0.227%
238	15.411	15.400	15.450	VV	20919	406131	3.29%	0.143%
239	15.468	15.450	15.482	VV	14180	217025	1.76%	0.076%
240	15.499	15.482	15.529	VV	18789	405088	3.28%	0.143%
241	15.555	15.529	15.574	VV	27954	546938	4.43%	0.193%
242	15.600	15.574	15.620	VV	85459	1236910	10.01%	0.436%
243	15.637	15.620	15.665	VV	44181	723299	5.85%	0.255%
244	15.685	15.665	15.704	VV	30765	515311	4.17%	0.182%
245	15.759	15.704	15.792	VV	68440	1973721	15.97%	0.695%
246	15.836	15.792	15.865	VV	40412	869187	7.03%	0.306%
247	15.880	15.865	15.899	VV	11664	215138	1.74%	0.076%
248	15.919	15.899	15.940	VV	27071	434440	3.52%	0.153%
249	15.956	15.940	15.974	VV	15962	263144	2.13%	0.093%
250	16.024	15.974	16.054	VV	30686	921745	7.46%	0.325%
251	16.098	16.054	16.114	VV	11432	368494	2.98%	0.130%
252	16.126	16.114	16.140	VV	11276	163080	1.32%	0.057%
253	16.156	16.140	16.170	VV	10674	179111	1.45%	0.063%
254	16.214	16.170	16.247	VV	28354	867718	7.02%	0.306%
255	16.270	16.247	16.291	VV	35883	609614	4.93%	0.215%
256	16.304	16.291	16.317	VV	17975	257024	2.08%	0.091%
257	16.334	16.317	16.359	VV	18699	422065	3.42%	0.149%
258	16.394	16.359	16.409	VV	33268	714734	5.78%	0.252%
259	16.422	16.409	16.449	VV	34153	591655	4.79%	0.208%
260	16.501	16.449	16.517	VV	508441	9004850	72.87%	3.172%
261	16.525	16.517	16.554	VV	293258	3016099	24.41%	1.062%
262	16.569	16.554	16.590	VV	19786	393288	3.18%	0.139%
263	16.620	16.590	16.641	VV	129366	1781037	14.41%	0.627%
264	16.653	16.641	16.695	VV	34854	837864	6.78%	0.295%

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265	16.709	16.695	16.722	VV	22077	324694	2.63%	0.114%	
266	16.740	16.722	16.757	VV	32885	564201	4.57%	0.199%	
267	16.820	16.757	16.844	VV	330012	6406929	51.85%	2.257%	
268	16.881	16.844	16.912	VV	460803	6651941	53.83%	2.343%	
269	16.938	16.912	16.949	VV	32205	569028	4.60%	0.200%	
270	16.973	16.949	16.997	VV	167152	2292144	18.55%	0.807%	
271	17.015	16.997	17.042	VV	38624	806868	6.53%	0.284%	
272	17.077	17.042	17.085	VV	35757	742307	6.01%	0.261%	
273	17.107	17.085	17.146	VV	43921	1313015	10.63%	0.463%	
274	17.169	17.146	17.189	VV	29479	646629	5.23%	0.228%	
275	17.228	17.189	17.302	VV	67511	2670300	21.61%	0.941%	
276	17.328	17.302	17.337	VV	30908	534356	4.32%	0.188%	
277	17.365	17.337	17.376	VV	47127	897030	7.26%	0.316%	
278	17.390	17.376	17.422	VV	49753	1015722	8.22%	0.358%	
279	17.449	17.422	17.467	VV	44005	883421	7.15%	0.311%	
280	17.477	17.467	17.499	VV	35609	599957	4.85%	0.211%	
281	17.524	17.499	17.549	VV	64184	1304217	10.55%	0.459%	
282	17.560	17.549	17.601	VV	33350	921869	7.46%	0.325%	
283	17.643	17.601	17.682	VV	35692	1411799	11.42%	0.497%	
284	17.700	17.682	17.725	VV	26860	667437	5.40%	0.235%	
285	17.830	17.725	17.877	VV	46412	3015800	24.40%	1.062%	
286	17.920	17.877	17.934	VV	38933	1151825	9.32%	0.406%	
287	17.958	17.934	17.977	VV	49770	1052098	8.51%	0.371%	
288	18.000	17.977	18.063	VV	62066	2490975	20.16%	0.878%	
289	18.088	18.063	18.112	VV	39271	1032756	8.36%	0.364%	
290	18.146	18.112	18.207	VV	108023	3285946	26.59%	1.158%	
291	18.245	18.207	18.269	VV	305271	5460352	44.19%	1.924%	
292	18.279	18.269	18.304	VV	89599	1546534	12.51%	0.545%	
293	18.316	18.304	18.344	VV	64959	1269024	10.27%	0.447%	
294	18.368	18.344	18.385	VV	109542	1873526	15.16%	0.660%	
295	18.400	18.385	18.464	VV	90411	2656046	21.49%	0.936%	
296	18.502	18.464	18.549	VV	268338	5268861	42.64%	1.856%	
297	18.573	18.549	18.597	VV	65329	1570693	12.71%	0.553%	
298	18.624	18.597	18.695	VV	112673	3447236	27.90%	1.214%	
299	18.716	18.695	18.732	VV	46814	940925	7.61%	0.331%	
300	18.741	18.732	18.764	VV	40737	753235	6.10%	0.265%	
301	18.790	18.764	18.813	VV	52434	1384902	11.21%	0.488%	
302	18.833	18.813	18.859	VV	48381	1218436	9.86%	0.429%	
303	18.884	18.859	18.898	VV	44358	1039463	8.41%	0.366%	
304	18.917	18.898	18.938	VV	53019	1143539	9.25%	0.403%	
305	18.959	18.938	18.978	VV	45795	1047703	8.48%	0.369%	
306	19.000	18.978	19.033	VV	54907	1520528	12.30%	0.536%	
307	19.059	19.033	19.079	VV	54642	1323072	10.71%	0.466%	
308	19.096	19.079	19.107	VV	47392	793585	6.42%	0.280%	
309	19.120	19.107	19.139	VV	48411	865635	7.00%	0.305%	
310	19.159	19.139	19.224	VV	59805	2585197	20.92%	0.911%	

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311	19.241	19.224	19.260	VV	43946	950579	7.69%	0.335%
312	19.282	19.260	19.312	VV	45537	1371639	11.10%	0.483%
313	19.338	19.312	19.359	VV	48060	1265589	10.24%	0.446%
314	19.372	19.359	19.395	VV	45205	971808	7.86%	0.342%
315	19.443	19.395	19.467	VV	49978	1996938	16.16%	0.703%
316	19.496	19.467	19.545	VV	52818	2281190	18.46%	0.804%
317	19.577	19.545	19.606	VV	57536	1926474	15.59%	0.679%
318	19.644	19.606	19.670	VV	109259	2895581	23.43%	1.020%
319	19.711	19.670	19.737	VV	104105	3190333	25.82%	1.124%
320	19.756	19.737	19.785	VV	74479	2024596	16.38%	0.713%
321	19.803	19.785	19.862	VV	72721	3009730	24.36%	1.060%
322	19.887	19.862	19.907	VV	61167	1590980	12.87%	0.560%
323	19.925	19.907	19.967	VV	64561	2164882	17.52%	0.763%
324	20.021	19.967	20.059	VV	102898	4108323	33.24%	1.447%
325	20.086	20.059	20.104	VV	75094	1935802	15.66%	0.682%
326	20.112	20.104	20.140	VV	72962	1474175	11.93%	0.519%
327	20.162	20.140	20.201	VV	74384	2483171	20.09%	0.875%
328	20.211	20.201	20.230	VV	64400	1122611	9.08%	0.395%
329	20.282	20.230	20.318	VV	68822	3413264	27.62%	1.202%
330	20.336	20.318	20.392	VV	66534	2894177	23.42%	1.020%
331	20.399	20.392	20.434	VV	66248	1604557	12.98%	0.565%
332	20.444	20.434	20.482	VV	63668	1793442	14.51%	0.632%
333	20.501	20.482	20.510	VV	62348	1034137	8.37%	0.364%
334	20.544	20.510	20.595	VV	65537	3157087	25.55%	1.112%
335	20.611	20.595	20.637	VV	60019	1469003	11.89%	0.517%
336	20.678	20.637	20.734	VV	59809	3379676	27.35%	1.191%
337	20.748	20.734	20.757	VV	57121	768270	6.22%	0.271%
338	20.778	20.757	20.840	VV	56814	2728335	22.08%	0.961%
339	20.850	20.840	20.887	VV	54920	1486023	12.03%	0.523%
340	20.895	20.887	20.909	VV	53227	684191	5.54%	0.241%
341	20.931	20.909	21.003	VV	54651	2911571	23.56%	1.026%
342	21.038	21.003	21.067	VV	51316	1918030	15.52%	0.676%
343	21.072	21.067	21.100	VV	50048	972054	7.87%	0.342%
344	21.121	21.100	21.163	VV	49027	1788898	14.48%	0.630%
345	21.168	21.163	21.237	VV	48852	2066925	16.73%	0.728%
346	21.251	21.237	21.305	VV	46884	1831776	14.82%	0.645%
347	21.310	21.305	21.341	VV	44167	931048	7.53%	0.328%
348	21.373	21.341	21.403	VV	45282	1628171	13.18%	0.574%
349	21.419	21.403	21.505	VV	44923	2600013	21.04%	0.916%
350	21.510	21.505	21.588	VV	40613	1928596	15.61%	0.679%
351	21.602	21.588	21.639	VV	38610	1142147	9.24%	0.402%
352	21.648	21.639	21.717	VV	37454	1696403	13.73%	0.598%
353	21.745	21.717	21.792	VV	37291	1566026	12.67%	0.552%
354	21.823	21.792	21.850	VV	34716	1181265	9.56%	0.416%
355	21.858	21.850	21.867	VV	34890	340954	2.76%	0.120%
356	21.872	21.867	21.927	VV	34743	1185314	9.59%	0.418%
357	21.935	21.927	21.950	VV	32040	448321	3.63%	0.158%

358 21.956 21.950 22.000 VBA 31998 950026 rteres 7.69% 0.335%
Sum of corrected areas: 283870643

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