

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082321AL\
 Data File : FC055333.D
 Signal(s) : FID1A.CH
 Acq On : 23 Aug 2021 22:08
 Sample : M3510-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.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	3.112	3.101	3.126	BV	224	1771	0.02%	0.002%
2	3.138	3.126	3.140	PV	255	1314	0.02%	0.001%
3	3.148	3.140	3.154	VV	265	1247	0.02%	0.001%
4	3.158	3.154	3.161	VV	119	288	0.00%	0.000%
5	3.164	3.161	3.167	PV	107	214	0.00%	0.000%
6	3.170	3.167	3.175	VV	165	530	0.01%	0.000%
7	3.178	3.175	3.182	VV	153	404	0.01%	0.000%
8	3.189	3.182	3.192	VV	196	789	0.01%	0.001%
9	3.194	3.192	3.214	VV	244	1946	0.02%	0.002%
10	3.216	3.214	3.218	VV	210	425	0.01%	0.000%
11	3.219	3.218	3.228	VV	214	600	0.01%	0.001%
12	3.233	3.228	3.240	VV	168	590	0.01%	0.001%
13	3.242	3.240	3.245	VV	97	213	0.00%	0.000%
14	3.250	3.245	3.253	PV	237	757	0.01%	0.001%
15	3.259	3.253	3.267	VV	338	1812	0.02%	0.002%
16	3.270	3.267	3.293	VV	202	2332	0.03%	0.002%
17	3.296	3.293	3.311	VV	181	1574	0.02%	0.001%
18	3.317	3.311	3.319	VV	200	816	0.01%	0.001%
19	3.324	3.319	3.329	VV	303	1412	0.02%	0.001%
20	3.336	3.329	3.344	VV	338	1986	0.03%	0.002%
21	3.346	3.344	3.352	VV	194	786	0.01%	0.001%
22	3.354	3.352	3.368	VV	177	1027	0.01%	0.001%
23	3.370	3.368	3.372	VV	133	234	0.00%	0.000%
24	3.381	3.372	3.385	VV	187	1228	0.02%	0.001%
25	3.392	3.385	3.396	VV	260	1216	0.02%	0.001%
26	3.412	3.396	3.423	VV	341	3409	0.04%	0.003%
27	3.427	3.423	3.432	VV	216	1016	0.01%	0.001%
28	3.436	3.432	3.442	VV	261	1143	0.01%	0.001%
29	3.451	3.442	3.462	VV	316	2307	0.03%	0.002%
30	3.464	3.462	3.467	VV	217	578	0.01%	0.001%
31	3.470	3.467	3.474	VV	221	775	0.01%	0.001%
32	3.477	3.474	3.484	VV	276	1114	0.01%	0.001%
33	3.489	3.484	3.496	VV	187	1099	0.01%	0.001%
34	3.531	3.496	3.541	VV	267	5029	0.06%	0.004%
35	3.548	3.541	3.558	VV	289	1861	0.02%	0.002%
36	3.564	3.558	3.575	VV	242	1816	0.02%	0.002%

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37	3.578	3.575	3.596	VV	158	2109	0.03%	0.002%
38	3.599	3.596	3.615	VV	269	2275	0.03%	0.002%
39	3.620	3.615	3.629	VV	261	1610	0.02%	0.001%
40	3.635	3.629	3.647	VV	213	1459	0.02%	0.001%
41	3.661	3.647	3.676	VV	217	2908	0.04%	0.003%
42	3.686	3.676	3.692	VV	262	1790	0.02%	0.002%
43	3.697	3.692	3.701	VV	192	896	0.01%	0.001%
44	3.706	3.701	3.710	VV	260	1163	0.01%	0.001%
45	3.720	3.710	3.728	VV	321	2469	0.03%	0.002%
46	3.736	3.728	3.747	VV	285	2341	0.03%	0.002%
47	3.754	3.747	3.760	VV	267	1658	0.02%	0.001%
48	3.768	3.760	3.774	VV	357	2081	0.03%	0.002%
49	3.779	3.774	3.789	VV	309	1685	0.02%	0.001%
50	3.796	3.789	3.851	VV	327	7971	0.10%	0.007%
51	3.857	3.851	3.865	VV	206	1738	0.02%	0.002%
52	3.876	3.865	3.911	VV	283	4515	0.06%	0.004%
53	3.938	3.911	3.968	PV	287	7113	0.09%	0.006%
54	3.984	3.968	4.000	VV	383	5437	0.07%	0.005%
55	4.007	4.000	4.018	VV	317	3064	0.04%	0.003%
56	4.022	4.018	4.035	VV	341	3099	0.04%	0.003%
57	4.039	4.035	4.044	VV	358	1819	0.02%	0.002%
58	4.048	4.044	4.068	VV	331	3979	0.05%	0.004%
59	4.080	4.068	4.106	VV	329	5079	0.07%	0.004%
60	4.114	4.106	4.123	VV	330	2639	0.03%	0.002%
61	4.127	4.123	4.135	VV	324	1779	0.02%	0.002%
62	4.156	4.135	4.182	VV	371	7541	0.10%	0.007%
63	4.196	4.182	4.232	VV	365	7402	0.09%	0.007%
64	4.238	4.232	4.242	VV	223	1274	0.02%	0.001%
65	4.256	4.242	4.267	VV	318	3887	0.05%	0.003%
66	4.279	4.267	4.288	VV	344	3453	0.04%	0.003%
67	4.292	4.288	4.314	VV	384	4423	0.06%	0.004%
68	4.318	4.314	4.328	VV	356	2350	0.03%	0.002%
69	4.334	4.328	4.340	VV	367	1923	0.02%	0.002%
70	4.345	4.340	4.380	VV	326	6336	0.08%	0.006%
71	4.385	4.380	4.398	VV	325	2945	0.04%	0.003%
72	4.404	4.398	4.423	VV	318	4068	0.05%	0.004%
73	4.428	4.423	4.437	VV	295	2102	0.03%	0.002%
74	4.442	4.437	4.453	VV	341	2546	0.03%	0.002%
75	4.458	4.453	4.475	VV	289	2709	0.03%	0.002%
76	4.486	4.475	4.495	VV	307	2418	0.03%	0.002%
77	4.500	4.495	4.510	VV	228	1328	0.02%	0.001%
78	4.525	4.510	4.536	VV	207	2065	0.03%	0.002%
79	4.542	4.536	4.547	VV	133	671	0.01%	0.001%
80	4.555	4.547	4.559	VV	148	674	0.01%	0.001%
81	4.563	4.559	4.578	VV	145	1091	0.01%	0.001%
82	4.590	4.578	4.608	VV	274	2554	0.03%	0.002%
83	4.612	4.608	4.623	VV	182	940	0.01%	0.001%
84	4.630	4.623	4.665	PV	239	3329	0.04%	0.003%
85	4.668	4.665	4.676	VV	260	1089	0.01%	0.001%
86	4.691	4.676	4.697	VV	225	1936	0.02%	0.002%
87	4.702	4.697	4.716	VV	189	1736	0.02%	0.002%
88	4.721	4.716	4.733	VV	215	1463	0.02%	0.001%
89	4.736	4.733	4.755	VV	296	1974	0.03%	0.002%

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90	4.758	4.755	4.764	VV	121	592	0.01%	0.001%
91	4.786	4.764	4.791	VV	313	2957	0.04%	0.003%
92	4.812	4.791	4.840	VV	666	9111	0.12%	0.008%
93	4.847	4.840	4.863	VV	345	2777	0.04%	0.002%
94	4.875	4.863	4.893	VV	447	3705	0.05%	0.003%
95	4.897	4.893	4.903	VV	138	486	0.01%	0.000%
96	4.907	4.903	4.923	VV	177	1160	0.01%	0.001%
97	4.928	4.923	4.938	VV	199	1203	0.02%	0.001%
98	4.952	4.938	4.971	VV	213	2793	0.04%	0.002%
99	4.975	4.971	4.983	VV	119	634	0.01%	0.001%
100	4.989	4.983	4.996	VV	292	1531	0.02%	0.001%
101	5.005	4.996	5.023	VV	235	2629	0.03%	0.002%
102	5.033	5.023	5.038	VV	239	1491	0.02%	0.001%
103	5.043	5.038	5.051	VV	179	1004	0.01%	0.001%
104	5.057	5.051	5.065	VV	282	1301	0.02%	0.001%
105	5.068	5.065	5.072	VV	178	821	0.01%	0.001%
106	5.081	5.072	5.089	VV	296	1937	0.02%	0.002%
107	5.095	5.089	5.103	VV	273	1667	0.02%	0.001%
108	5.106	5.103	5.113	VV	270	1411	0.02%	0.001%
109	5.127	5.113	5.143	VV	326	4270	0.05%	0.004%
110	5.158	5.143	5.173	VV	273	3642	0.05%	0.003%
111	5.184	5.173	5.197	VV	359	3327	0.04%	0.003%
112	5.201	5.197	5.213	VV	246	1573	0.02%	0.001%
113	5.217	5.213	5.223	VV	293	1295	0.02%	0.001%
114	5.238	5.223	5.248	VV	361	4651	0.06%	0.004%
115	5.258	5.248	5.272	VV	573	5283	0.07%	0.005%
116	5.275	5.272	5.282	VV	285	1340	0.02%	0.001%
117	5.283	5.282	5.294	VV	249	1488	0.02%	0.001%
118	5.310	5.294	5.341	VV	536	8851	0.11%	0.008%
119	5.344	5.341	5.359	VV	193	2011	0.03%	0.002%
120	5.367	5.359	5.370	VV	261	1417	0.02%	0.001%
121	5.374	5.370	5.391	VV	351	2815	0.04%	0.002%
122	5.395	5.391	5.402	VV	212	961	0.01%	0.001%
123	5.409	5.402	5.418	VV	220	1455	0.02%	0.001%
124	5.423	5.418	5.429	VV	208	906	0.01%	0.001%
125	5.433	5.429	5.439	VV	200	733	0.01%	0.001%
126	5.454	5.439	5.459	VV	220	1534	0.02%	0.001%
127	5.463	5.459	5.469	VV	230	815	0.01%	0.001%
128	5.490	5.469	5.496	VV	223	2078	0.03%	0.002%
129	5.501	5.496	5.530	VV	246	2007	0.03%	0.002%
130	5.538	5.530	5.544	VV	214	1076	0.01%	0.001%
131	5.551	5.544	5.558	VV	182	1195	0.02%	0.001%
132	5.561	5.558	5.586	VV	168	1653	0.02%	0.001%
133	5.589	5.586	5.595	VV	194	565	0.01%	0.000%
134	5.598	5.595	5.613	VV	94	890	0.01%	0.001%
135	5.617	5.613	5.623	VV	155	690	0.01%	0.001%
136	5.627	5.623	5.636	VV	177	984	0.01%	0.001%
137	5.642	5.636	5.649	VV	159	850	0.01%	0.001%
138	5.659	5.649	5.665	VV	161	917	0.01%	0.001%
139	5.670	5.665	5.679	VV	173	1144	0.01%	0.001%
140	5.700	5.679	5.706	VV	291	3468	0.04%	0.003%
141	5.711	5.706	5.729	VV	287	1946	0.02%	0.002%

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142	5.733	5.729	5.737	VV	105	352	0.00%	0.000%
143	5.755	5.737	5.764	VV	258	2570	0.03%	0.002%
144	5.768	5.764	5.777	VV	139	770	0.01%	0.001%
145	5.780	5.777	5.794	PV	226	1116	0.01%	0.001%
146	5.802	5.794	5.818	VV	237	2034	0.03%	0.002%
147	5.848	5.818	5.929	VV	4023	171390	2.20%	0.151%
148	5.932	5.929	5.973	VV	2025	43885	0.56%	0.039%
149	5.978	5.973	5.983	VV	1499	9278	0.12%	0.008%
150	5.987	5.983	6.022	VV	1468	28950	0.37%	0.026%
151	6.026	6.022	6.038	VV	1117	10613	0.14%	0.009%
152	6.041	6.038	6.051	VV	1039	7438	0.10%	0.007%
153	6.058	6.051	6.068	VV	1019	9642	0.12%	0.009%
154	6.078	6.068	6.125	VV	994	30657	0.39%	0.027%
155	6.127	6.125	6.160	VV	842	15731	0.20%	0.014%
156	6.161	6.160	6.186	VV	739	9461	0.12%	0.008%
157	6.194	6.186	6.199	VV	668	4968	0.06%	0.004%
158	6.201	6.199	6.257	VV	675	17989	0.23%	0.016%
159	6.270	6.257	6.283	VV	455	5745	0.07%	0.005%
160	6.287	6.283	6.290	VV	405	1507	0.02%	0.001%
161	6.297	6.290	6.305	VV	484	3404	0.04%	0.003%
162	6.308	6.305	6.320	VV	348	2921	0.04%	0.003%
163	6.346	6.320	6.358	VV	479	7937	0.10%	0.007%
164	6.374	6.358	6.395	VV	437	7886	0.10%	0.007%
165	6.399	6.395	6.407	VV	325	1890	0.02%	0.002%
166	6.413	6.407	6.427	VV	295	3205	0.04%	0.003%
167	6.430	6.427	6.438	VV	392	2226	0.03%	0.002%
168	6.443	6.438	6.450	VV	333	2211	0.03%	0.002%
169	6.463	6.450	6.483	VV	455	6604	0.08%	0.006%
170	6.489	6.483	6.496	VV	399	2259	0.03%	0.002%
171	6.503	6.496	6.514	VV	363	2763	0.04%	0.002%
172	6.523	6.514	6.543	VV	457	4311	0.06%	0.004%
173	6.563	6.543	6.575	VV	281	4399	0.06%	0.004%
174	6.585	6.575	6.593	VV	375	2882	0.04%	0.003%
175	6.597	6.593	6.605	VV	237	1431	0.02%	0.001%
176	6.630	6.605	6.637	VV	301	4048	0.05%	0.004%
177	6.640	6.637	6.649	VV	241	1377	0.02%	0.001%
178	6.674	6.649	6.710	VV	276	7016	0.09%	0.006%
179	6.718	6.710	6.738	VV	192	2295	0.03%	0.002%
180	6.756	6.738	6.763	VV	214	1966	0.03%	0.002%
181	6.847	6.763	6.853	VV	333	10763	0.14%	0.010%
182	6.856	6.853	6.867	VV	294	2154	0.03%	0.002%
183	6.888	6.867	6.903	VV	418	7291	0.09%	0.006%
184	6.907	6.903	6.927	VV	298	3204	0.04%	0.003%
185	6.960	6.927	6.982	VV	390	9358	0.12%	0.008%
186	6.988	6.982	7.007	VV	301	3893	0.05%	0.003%
187	7.014	7.007	7.023	VV	342	2310	0.03%	0.002%
188	7.026	7.023	7.031	VV	198	851	0.01%	0.001%
189	7.069	7.031	7.077	VV	387	6860	0.09%	0.006%
190	7.113	7.077	7.132	VV	730	15854	0.20%	0.014%
191	7.138	7.132	7.164	VV	359	5127	0.07%	0.005%
192	7.183	7.164	7.190	VV	328	3502	0.04%	0.003%
193	7.194	7.190	7.219	VV	231	2813	0.04%	0.002%
194	7.224	7.219	7.232	VV	284	1042	0.01%	0.001%

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195	7.244	7.232	7.260	PV	226	1922	0.02%	0.002%
196	7.278	7.260	7.295	VV	491	7174	0.09%	0.006%
197	7.299	7.295	7.307	VV	372	2196	0.03%	0.002%
198	7.312	7.307	7.320	VV	327	2017	0.03%	0.002%
199	7.344	7.320	7.357	VV	365	5475	0.07%	0.005%
200	7.380	7.357	7.390	VV	414	6472	0.08%	0.006%
201	7.619	7.611	7.647	VV	1807	34199	0.44%	0.030%
202	7.655	7.647	7.661	VV	1398	11285	0.14%	0.010%
203	7.672	7.661	7.690	VV	1407	21379	0.27%	0.019%
204	7.705	7.690	7.715	VV	1405	17544	0.23%	0.015%
205	7.727	7.715	7.749	VV	1468	25347	0.33%	0.022%
206	7.756	7.749	7.780	VV	1070	17215	0.22%	0.015%
207	7.794	7.780	7.812	VV	1397	20654	0.27%	0.018%
208	7.849	7.812	7.863	VV	1011	26944	0.35%	0.024%
209	7.883	7.863	7.897	VV	1180	20178	0.26%	0.018%
210	7.941	7.897	7.962	VV	5988	99198	1.27%	0.088%
211	7.975	7.962	8.010	VV	3229	55460	0.71%	0.049%
212	8.016	8.010	8.038	VV	1179	15686	0.20%	0.014%
213	8.055	8.038	8.064	VV	1155	15377	0.20%	0.014%
214	8.071	8.064	8.104	VV	1101	23905	0.31%	0.021%
215	8.117	8.104	8.139	VV	1128	20275	0.26%	0.018%
216	8.156	8.139	8.168	VV	914	13461	0.17%	0.012%
217	8.191	8.168	8.232	VV	1077	24676	0.32%	0.022%
218	8.236	8.232	8.240	VV	398	1524	0.02%	0.001%
219	8.253	8.240	8.256	VV	498	4283	0.05%	0.004%
220	8.475	8.471	8.490	VV	2516	27486	0.35%	0.024%
221	8.507	8.490	8.542	VV	3638	72007	0.92%	0.064%
222	8.552	8.542	8.602	VV	2010	49683	0.64%	0.044%
223	8.620	8.602	8.641	VV	1244	25940	0.33%	0.023%
224	8.653	8.641	8.663	VV	1182	14880	0.19%	0.013%
225	8.685	8.663	8.717	VV	1727	44694	0.57%	0.039%
226	8.722	8.717	8.739	VV	1265	15672	0.20%	0.014%
227	8.747	8.739	8.755	VV	1225	10786	0.14%	0.010%
228	8.792	8.755	8.852	VV	6752	127332	1.63%	0.112%
229	8.873	8.852	8.898	VV	1379	27427	0.35%	0.024%
230	8.914	8.898	8.955	VV	969	25879	0.33%	0.023%
231	8.985	8.955	8.995	VV	752	14431	0.19%	0.013%
232	9.008	8.995	9.040	VV	886	19154	0.25%	0.017%
233	9.048	9.040	9.058	VV	691	6938	0.09%	0.006%
234	9.089	9.058	9.102	VV	854	19498	0.25%	0.017%
235	9.117	9.102	9.138	VV	807	14915	0.19%	0.013%
236	9.163	9.138	9.196	VV	1983	46216	0.59%	0.041%
237	9.210	9.196	9.221	VV	1225	16406	0.21%	0.014%
238	9.245	9.221	9.274	VV	1772	39638	0.51%	0.035%
239	9.294	9.274	9.314	VV	1810	29915	0.38%	0.026%
240	9.324	9.314	9.330	VV	1118	9727	0.12%	0.009%
241	9.345	9.330	9.367	VV	1619	22945	0.29%	0.020%
242	9.392	9.367	9.405	VV	812	14072	0.18%	0.012%
243	9.410	9.405	9.419	VV	690	4732	0.06%	0.004%
244	9.442	9.419	9.456	VV	900	15105	0.19%	0.013%
245	9.477	9.456	9.489	VV	996	16228	0.21%	0.014%
246	9.517	9.489	9.543	VV	1807	42441	0.54%	0.037%

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247	9.567	9.543	9.619	VV	11344	158434	2.03%	0.140%
248	9.640	9.619	9.669	VV	1136	26510	0.34%	0.023%
249	9.673	9.669	9.678	VV	822	4139	0.05%	0.004%
250	9.681	9.678	9.690	VV	752	5088	0.07%	0.004%
251	9.694	9.690	9.714	VV	690	7039	0.09%	0.006%
252	9.730	9.714	9.737	VV	865	9292	0.12%	0.008%
253	9.739	9.737	9.758	VV	900	7413	0.10%	0.007%
254	9.792	9.758	9.820	VV	718	20313	0.26%	0.018%
255	9.826	9.820	9.858	VV	789	12408	0.16%	0.011%
256	9.868	9.858	9.882	VV	518	6358	0.08%	0.006%
257	9.909	9.882	9.921	VV	1628	25200	0.32%	0.022%
258	9.951	9.921	9.985	VV	4848	94839	1.22%	0.084%
259	10.002	9.985	10.017	VV	1589	22920	0.29%	0.020%
260	10.040	10.017	10.075	VV	2042	45274	0.58%	0.040%
261	10.094	10.075	10.117	VV	2137	33214	0.43%	0.029%
262	10.128	10.117	10.135	VV	810	7821	0.10%	0.007%
263	10.143	10.135	10.164	VV	741	11619	0.15%	0.010%
264	10.201	10.164	10.218	VV	1277	32508	0.42%	0.029%
265	10.232	10.218	10.253	VV	1455	26822	0.34%	0.024%
266	10.301	10.253	10.337	VV	14455	216262	2.78%	0.191%
267	10.369	10.337	10.460	VV	6860	174075	2.23%	0.154%
268	10.484	10.460	10.505	VV	906	19655	0.25%	0.017%
269	10.517	10.505	10.545	VV	1187	18135	0.23%	0.016%
270	10.560	10.545	10.568	VV	760	8157	0.10%	0.007%
271	10.587	10.568	10.594	VV	916	11096	0.14%	0.010%
272	10.622	10.594	10.657	VV	2065	58949	0.76%	0.052%
273	10.687	10.657	10.705	VV	2628	53842	0.69%	0.048%
274	10.713	10.705	10.734	VV	1606	20432	0.26%	0.018%
275	10.754	10.734	10.786	VV	2031	39024	0.50%	0.034%
276	10.804	10.786	10.837	VV	1653	31919	0.41%	0.028%
277	10.855	10.837	10.898	VV	988	23513	0.30%	0.021%
278	10.933	10.898	10.967	VV	1121	32573	0.42%	0.029%
279	11.001	10.967	11.039	VV	13816	187262	2.40%	0.165%
280	11.089	11.039	11.141	VV	4832	109354	1.40%	0.097%
281	11.150	11.141	11.173	VV	781	11303	0.15%	0.010%
282	11.197	11.173	11.222	VV	913	18037	0.23%	0.016%
283	11.226	11.222	11.228	VV	605	1976	0.03%	0.002%
284	11.242	11.228	11.259	VV	862	12735	0.16%	0.011%
285	11.308	11.259	11.373	VV	444644	4780198	61.34%	4.221%
286	11.391	11.373	11.414	VV	2841	52812	0.68%	0.047%
287	11.433	11.414	11.457	VV	2198	45398	0.58%	0.040%
288	11.461	11.457	11.464	VV	1710	6954	0.09%	0.006%
289	11.482	11.464	11.500	VV	2552	40817	0.52%	0.036%
290	11.558	11.500	11.614	VV	15463	271196	3.48%	0.239%
291	11.619	11.614	11.622	VV	1170	5318	0.07%	0.005%
292	11.668	11.622	11.692	VV	12940	197885	2.54%	0.175%
293	11.722	11.692	11.804	VV	228116	2608144	33.47%	2.303%
294	11.811	11.804	11.839	VV	1085	15228	0.20%	0.013%
295	11.867	11.839	11.890	VV	909	20078	0.26%	0.018%
296	11.897	11.890	11.912	VV	652	6970	0.09%	0.006%
297	11.938	11.912	11.963	VV	1589	31386	0.40%	0.028%
298	11.970	11.963	11.989	VV	976	10929	0.14%	0.010%
299	12.006	11.989	12.020	VV	877	11101	0.14%	0.010%

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300	12.048	12.020	12.065	VV	1469	26695	0.34%	0.024%
301	12.076	12.065	12.094	VV	1525	17381	0.22%	0.015%
302	12.130	12.094	12.150	VV	1319	23164	0.30%	0.020%
303	12.185	12.150	12.210	VV	3283	51140	0.66%	0.045%
304	12.225	12.210	12.241	VV	640	8493	0.11%	0.007%
305	12.262	12.241	12.268	VV	961	11504	0.15%	0.010%
306	12.271	12.268	12.277	VV	828	4031	0.05%	0.004%
307	12.304	12.277	12.343	VV	12251	161234	2.07%	0.142%
308	12.361	12.343	12.372	VV	2740	33225	0.43%	0.029%
309	12.383	12.372	12.435	VV	2979	67968	0.87%	0.060%
310	12.444	12.435	12.469	VV	711	8256	0.11%	0.007%
311	12.487	12.469	12.494	PV	288	2911	0.04%	0.003%
312	12.507	12.494	12.537	VV	383	6504	0.08%	0.006%
313	12.555	12.537	12.561	VV	923	7728	0.10%	0.007%
314	12.574	12.561	12.582	VV	1002	11141	0.14%	0.010%
315	12.617	12.582	12.642	VV	1644	36017	0.46%	0.032%
316	12.674	12.642	12.701	VV	3588	75503	0.97%	0.067%
317	12.750	12.701	12.771	VV	387335	7792950	100.00%	6.882%
318	12.795	12.771	12.815	VV	545662	6356109	81.56%	5.613%
319	12.826	12.815	12.878	VV	45371	651480	8.36%	0.575%
320	12.913	12.878	12.942	VV	11293	172557	2.21%	0.152%
321	12.970	12.942	12.999	VV	103715	1249508	16.03%	1.103%
322	13.009	12.999	13.019	VV	4795	52756	0.68%	0.047%
323	13.029	13.019	13.047	VV	4585	60395	0.77%	0.053%
324	13.061	13.047	13.105	VV	3018	50120	0.64%	0.044%
325	13.136	13.105	13.158	VV	2188	42257	0.54%	0.037%
326	13.185	13.158	13.203	VV	1507	32601	0.42%	0.029%
327	13.215	13.203	13.231	VV	981	10900	0.14%	0.010%
328	13.264	13.231	13.307	VV	16974	272007	3.49%	0.240%
329	13.313	13.307	13.359	VV	2243	34928	0.45%	0.031%
330	13.401	13.359	13.412	VV	1771	34661	0.44%	0.031%
331	13.421	13.412	13.446	VV	1430	22449	0.29%	0.020%
332	13.464	13.446	13.479	VV	2321	31165	0.40%	0.028%
333	13.498	13.479	13.525	VV	7697	112173	1.44%	0.099%
334	13.550	13.525	13.577	VV	7056	123095	1.58%	0.109%
335	13.612	13.577	13.684	VV	6111	159116	2.04%	0.141%
336	13.708	13.684	13.727	VV	2398	40755	0.52%	0.036%
337	13.754	13.727	13.771	VV	12436	178060	2.28%	0.157%
338	13.789	13.771	13.828	VV	11128	279143	3.58%	0.246%
339	13.841	13.828	13.873	VV	3454	82233	1.06%	0.073%
340	13.901	13.873	13.920	VV	7021	137515	1.76%	0.121%
341	13.948	13.920	13.970	VV	11457	195434	2.51%	0.173%
342	13.984	13.970	14.022	VV	3067	67910	0.87%	0.060%
343	14.057	14.022	14.080	VV	6815	116350	1.49%	0.103%
344	14.125	14.080	14.162	VV	19844	401732	5.16%	0.355%
345	14.183	14.162	14.209	VV	4506	76922	0.99%	0.068%
346	14.237	14.209	14.284	VV	3990	90590	1.16%	0.080%
347	14.289	14.284	14.299	VV	670	5028	0.06%	0.004%
348	14.317	14.299	14.330	VV	635	8862	0.11%	0.008%
349	14.345	14.330	14.366	VV	389	3851	0.05%	0.003%
350	14.401	14.366	14.419	PV	818	13060	0.17%	0.012%
351	14.431	14.419	14.447	VV	893	10265	0.13%	0.009%

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352	14.451	14.447	14.466	VV	524	3512	0.05%	0.003%
353	14.473	14.466	14.477	VV	239	1103	0.01%	0.001%
354	14.517	14.477	14.532	VV	1634	29779	0.38%	0.026%
355	14.564	14.532	14.572	VV	3295	51334	0.66%	0.045%
356	14.595	14.572	14.675	VV	13500	276700	3.55%	0.244%
357	14.683	14.675	14.689	VV	737	5863	0.08%	0.005%
358	14.722	14.689	14.765	VV	1412	41534	0.53%	0.037%
359	14.786	14.765	14.822	VV	923	15021	0.19%	0.013%
360	14.832	14.822	14.843	VV	309	1471	0.02%	0.001%
361	14.859	14.843	14.865	PV	327	2780	0.04%	0.002%
362	14.873	14.865	14.885	VV	178	1778	0.02%	0.002%
363	14.913	14.885	14.919	VV	467	5771	0.07%	0.005%
364	14.979	14.919	14.988	VV	1171	26162	0.34%	0.023%
365	15.018	14.988	15.089	VV	8751	222910	2.86%	0.197%
366	15.120	15.089	15.147	VV	5278	95485	1.23%	0.084%
367	15.172	15.147	15.197	VV	6123	89430	1.15%	0.079%
368	15.219	15.197	15.249	VV	843	14239	0.18%	0.013%
369	15.253	15.249	15.274	VV	476	2624	0.03%	0.002%
370	15.290	15.274	15.302	PV	603	6189	0.08%	0.005%
371	15.314	15.302	15.342	VV	673	9541	0.12%	0.008%
372	15.353	15.342	15.363	VV	278	2458	0.03%	0.002%
373	15.377	15.363	15.382	VV	487	3833	0.05%	0.003%
374	15.397	15.382	15.406	VV	552	5724	0.07%	0.005%
375	15.436	15.406	15.463	VV	683	13637	0.17%	0.012%
376	15.484	15.463	15.490	PV	339	2633	0.03%	0.002%
377	15.514	15.490	15.520	VV	414	5768	0.07%	0.005%
378	15.540	15.520	15.551	VV	767	9893	0.13%	0.009%
379	15.559	15.551	15.564	VV	632	3985	0.05%	0.004%
380	15.576	15.564	15.591	VV	801	10241	0.13%	0.009%
381	15.614	15.591	15.640	VV	5355	71290	0.91%	0.063%
382	15.674	15.640	15.691	VV	1536	26697	0.34%	0.024%
383	15.696	15.691	15.709	VV	689	6221	0.08%	0.005%
384	15.717	15.709	15.739	VV	471	6403	0.08%	0.006%
385	15.749	15.739	15.760	VV	404	3589	0.05%	0.003%
386	15.784	15.760	15.794	VV	1357	17484	0.22%	0.015%
387	15.814	15.794	15.823	VV	2139	29701	0.38%	0.026%
388	15.846	15.823	15.881	VV	3113	79742	1.02%	0.070%
389	15.887	15.881	15.903	VV	1693	19789	0.25%	0.017%
390	15.908	15.903	15.912	VV	1371	7617	0.10%	0.007%
391	15.928	15.912	15.944	VV	1595	24785	0.32%	0.022%
392	15.992	15.944	16.000	VV	1806	45031	0.58%	0.040%
393	16.032	16.000	16.074	VV	5151	144289	1.85%	0.127%
394	16.095	16.074	16.114	VV	5898	96890	1.24%	0.086%
395	16.156	16.114	16.197	VV	5620	169499	2.18%	0.150%
396	16.209	16.197	16.219	VV	2329	27869	0.36%	0.025%
397	16.226	16.219	16.232	VV	2279	17420	0.22%	0.015%
398	16.238	16.232	16.241	VV	2156	10430	0.13%	0.009%
399	16.270	16.241	16.302	VV	2816	90529	1.16%	0.080%
400	16.316	16.302	16.320	VV	2134	22431	0.29%	0.020%
401	16.329	16.320	16.349	VV	2203	35413	0.45%	0.031%
402	16.410	16.349	16.421	VV	3119	109219	1.40%	0.096%
403	16.445	16.421	16.470	VV	6058	118906	1.53%	0.105%
404	16.475	16.470	16.482	VV	2803	18784	0.24%	0.017%

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405	16.488	16.482	16.497	VV	2821	23609	0.30%	0.021%
406	16.526	16.497	16.538	VV	4706	93044	1.19%	0.082%
407	16.561	16.538	16.585	VV	8926	167349	2.15%	0.148%
408	16.596	16.585	16.609	VV	4333	56095	0.72%	0.050%
409	16.638	16.609	16.669	VV	7038	172926	2.22%	0.153%
410	16.674	16.669	16.692	VV	3526	46261	0.59%	0.041%
411	16.705	16.692	16.714	VV	4381	52226	0.67%	0.046%
412	16.722	16.714	16.729	VV	4263	36158	0.46%	0.032%
413	16.739	16.729	16.744	VV	4257	36940	0.47%	0.033%
414	16.776	16.744	16.800	VV	5393	153917	1.98%	0.136%
415	16.818	16.800	16.824	VV	4640	60482	0.78%	0.053%
416	16.828	16.824	16.832	VV	4494	20472	0.26%	0.018%
417	16.852	16.832	16.859	VV	5371	80924	1.04%	0.071%
418	16.861	16.859	16.875	VV	5534	49482	0.63%	0.044%
419	16.892	16.875	16.911	VV	5291	108145	1.39%	0.095%
420	16.980	16.911	16.990	VV	9573	339443	4.36%	0.300%
421	17.010	16.990	17.049	VV	14189	324476	4.16%	0.287%
422	17.060	17.049	17.080	VV	6588	110088	1.41%	0.097%
423	17.095	17.080	17.132	VV	6695	193222	2.48%	0.171%
424	17.170	17.132	17.197	VV	7357	256199	3.29%	0.226%
425	17.205	17.197	17.220	VV	6727	89704	1.15%	0.079%
426	17.224	17.220	17.230	VV	6296	37674	0.48%	0.033%
427	17.234	17.230	17.239	VV	6317	31181	0.40%	0.028%
428	17.259	17.239	17.277	VV	7279	156280	2.01%	0.138%
429	17.281	17.277	17.292	VV	7282	63572	0.82%	0.056%
430	17.328	17.292	17.335	VV	7932	185631	2.38%	0.164%
431	17.339	17.335	17.345	VV	8080	50628	0.65%	0.045%
432	17.359	17.345	17.377	VV	8103	148160	1.90%	0.131%
433	17.400	17.377	17.416	VV	9497	201043	2.58%	0.178%
434	17.446	17.416	17.482	VV	14153	411905	5.29%	0.364%
435	17.536	17.482	17.543	VV	11206	324310	4.16%	0.286%
436	17.561	17.543	17.584	VV	13080	286000	3.67%	0.253%
437	17.588	17.584	17.599	VV	10966	92983	1.19%	0.082%
438	17.609	17.599	17.633	VV	9953	193122	2.48%	0.171%
439	17.656	17.633	17.679	VV	9969	257803	3.31%	0.228%
440	17.684	17.679	17.687	VV	9140	42035	0.54%	0.037%
441	17.748	17.687	17.797	VV	11517	699320	8.97%	0.618%
442	17.866	17.797	17.895	VV	23778	902885	11.59%	0.797%
443	17.926	17.895	17.951	VV	16730	471306	6.05%	0.416%
444	17.965	17.951	17.981	VV	12861	222894	2.86%	0.197%
445	17.994	17.981	18.000	VV	12912	144974	1.86%	0.128%
446	18.012	18.000	18.030	VV	13232	228331	2.93%	0.202%
447	18.035	18.030	18.042	VV	12232	84294	1.08%	0.074%
448	18.054	18.042	18.063	VV	13277	161313	2.07%	0.142%
449	18.082	18.063	18.095	VV	13206	242072	3.11%	0.214%
450	18.100	18.095	18.115	VV	12948	153597	1.97%	0.136%
451	18.143	18.115	18.153	VV	14927	315504	4.05%	0.279%
452	18.160	18.153	18.165	VV	15034	109759	1.41%	0.097%
453	18.169	18.165	18.174	VV	14801	73080	0.94%	0.065%
454	18.179	18.174	18.192	VV	14699	152241	1.95%	0.134%
455	18.198	18.192	18.210	VV	13781	145657	1.87%	0.129%
456	18.273	18.210	18.320	VV	22081	1078518	13.84%	0.952%

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457	18.348	18.320	18.362	VV	18486	411719	5.28%	0.364%
458	18.377	18.362	18.386	VV	19332	268799	3.45%	0.237%
459	18.399	18.386	18.425	VV	19440	432953	5.56%	0.382%
460	18.432	18.425	18.466	VV	17908	421215	5.41%	0.372%
461	18.493	18.466	18.500	VV	17657	350838	4.50%	0.310%
462	18.527	18.500	18.541	VV	18897	437253	5.61%	0.386%
463	18.580	18.541	18.590	VV	19203	544764	6.99%	0.481%
464	18.594	18.590	18.602	VV	18767	129270	1.66%	0.114%
465	18.674	18.602	18.717	VV	31946	1589349	20.39%	1.403%
466	18.749	18.717	18.757	VV	22231	518308	6.65%	0.458%
467	18.775	18.757	18.787	VV	22289	381295	4.89%	0.337%
468	18.793	18.787	18.807	VV	22036	268966	3.45%	0.238%
469	18.810	18.807	18.819	VV	21783	150515	1.93%	0.133%
470	18.829	18.819	18.845	VV	22023	334740	4.30%	0.296%
471	18.872	18.845	18.886	VV	22414	542190	6.96%	0.479%
472	18.911	18.886	18.922	VV	24694	521914	6.70%	0.461%
473	18.952	18.922	18.959	VV	24003	515229	6.61%	0.455%
474	18.971	18.959	18.989	VV	24273	421203	5.40%	0.372%
475	19.003	18.989	19.012	VV	23615	325571	4.18%	0.287%
476	19.059	19.012	19.082	VV	31396	1111813	14.27%	0.982%
477	19.088	19.082	19.090	VV	25549	120222	1.54%	0.106%
478	19.104	19.090	19.123	VV	26482	510599	6.55%	0.451%
479	19.165	19.123	19.204	VV	29108	1311389	16.83%	1.158%
480	19.233	19.204	19.253	VV	27529	776462	9.96%	0.686%
481	19.257	19.253	19.265	VV	27181	203372	2.61%	0.180%
482	19.278	19.265	19.284	VV	27602	303986	3.90%	0.268%
483	19.302	19.284	19.317	VV	28355	557422	7.15%	0.492%
484	19.336	19.317	19.348	VV	28374	522600	6.71%	0.461%
485	19.354	19.348	19.357	VV	27972	140826	1.81%	0.124%
486	19.381	19.357	19.385	VV	30416	500233	6.42%	0.442%
487	19.389	19.385	19.395	VV	30231	179736	2.31%	0.159%
488	19.436	19.395	19.447	VV	34906	983979	12.63%	0.869%
489	19.468	19.447	19.489	VV	34868	839017	10.77%	0.741%
490	19.497	19.489	19.516	VV	31587	503463	6.46%	0.445%
491	19.537	19.516	19.544	VV	32793	526382	6.75%	0.465%
492	19.559	19.544	19.564	VV	33738	393876	5.05%	0.348%
493	19.568	19.564	19.589	VV	33641	493997	6.34%	0.436%
494	19.612	19.589	19.629	VV	34097	799297	10.26%	0.706%
495	19.636	19.629	19.641	VV	33225	242073	3.11%	0.214%
496	19.686	19.641	19.694	VV	35711	1104806	14.18%	0.976%
497	19.715	19.694	19.724	VV	36494	631108	8.10%	0.557%
498	19.731	19.724	19.743	VV	39932	424280	5.44%	0.375%
499	19.796	19.743	19.815	VV	43281	1697500	21.78%	1.499%
500	19.841	19.815	19.869	VV	40535	1258616	16.15%	1.111%
501	19.908	19.869	19.923	VV	41606	1297712	16.65%	1.146%
502	19.933	19.923	19.939	VV	40872	387297	4.97%	0.342%
503	19.942	19.939	19.948	VV	41112	232299	2.98%	0.205%
504	19.992	19.948	20.005	VV	42459	1421982	18.25%	1.256%
505	20.036	20.005	20.050	VV	43615	1141754	14.65%	1.008%
506	20.083	20.050	20.106	VV	45970	1508653	19.36%	1.332%
507	20.111	20.106	20.115	VV	45658	237907	3.05%	0.210%
508	20.120	20.115	20.134	VV	45671	523552	6.72%	0.462%
509	20.151	20.134	20.196	VV	49939	1749745	22.45%	1.545%

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510	20.230	20.196	20.235	VV	48519	1114434	14.30%	0.984%	
511	20.250	20.235	20.275	VV	49339	1151412	14.78%	1.017%	
512	20.294	20.275	20.307	VV	50264	949222	12.18%	0.838%	
513	20.311	20.307	20.316	VV	49729	247472	3.18%	0.219%	
514	20.328	20.316	20.332	VV	50916	511039	6.56%	0.451%	
515	20.337	20.332	20.342	VV	50563	293615	3.77%	0.259%	
516	20.357	20.342	20.374	VV	52095	966629	12.40%	0.854%	
517	20.382	20.374	20.388	VV	51494	424355	5.45%	0.375%	
518	20.400	20.388	20.428	VV	51426	1219437	15.65%	1.077%	
519	20.435	20.428	20.453	VV	51214	745908	9.57%	0.659%	
520	20.497	20.453	20.526	VV	55623	2327369	29.87%	2.055%	
521	20.536	20.526	20.582	VV	52355	1735589	22.27%	1.533%	
522	20.594	20.582	20.632	VV	51351	1509614	19.37%	1.333%	
523	20.646	20.632	20.707	VV	49102	2157581	27.69%	1.905%	
524	20.779	20.707	20.815	VV	48842	3120538	40.04%	2.756%	
525	20.827	20.815	20.850	VV	48073	991811	12.73%	0.876%	
526	20.876	20.850	20.951	VV	49297	2823617	36.23%	2.493%	
527	20.963	20.951	21.032	VV	44504	2104244	27.00%	1.858%	
528	21.076	21.032	21.082	VV	43682	1291984	16.58%	1.141%	
529	21.116	21.082	21.147	VV	45706	1736076	22.28%	1.533%	
530	21.158	21.147	21.169	VV	45151	578796	7.43%	0.511%	
531	21.179	21.169	21.203	VV	45622	901586	11.57%	0.796%	
532	21.215	21.203	21.252	VV	44722	1290924	16.57%	1.140%	
533	21.301	21.252	21.365	VV	45087	2903766	37.26%	2.564%	
534	21.374	21.365	21.384	VV	40928	449170	5.76%	0.397%	
535	21.398	21.384	21.406	VV	40645	542768	6.96%	0.479%	
536	21.435	21.406	21.455	VV	41402	1202038	15.42%	1.061%	
537	21.466	21.455	21.479	VV	41285	567296	7.28%	0.501%	
538	21.488	21.479	21.501	VBA	40510	556824	7.15%	0.492%	
					Sum of corrected areas:				113243320

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