

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082721AL\
 Data File : FC055434.D
 Signal(s) : FID1A.CH
 Acq On : 27 Aug 2021 22:08
 Sample : M3557-02
 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	3.104	3.101	3.116	BV	48	66	0.00%	0.000%
2	3.120	3.116	3.126	PV	107	439	0.01%	0.000%
3	3.129	3.126	3.135	VV	179	523	0.01%	0.000%
4	3.148	3.135	3.160	VV	393	3202	0.08%	0.002%
5	3.163	3.160	3.177	PV	211	1354	0.03%	0.001%
6	3.191	3.177	3.194	VV	263	2048	0.05%	0.001%
7	3.198	3.194	3.203	VV	268	898	0.02%	0.000%
8	3.210	3.203	3.213	VV	225	783	0.02%	0.000%
9	3.216	3.213	3.232	VV	315	1903	0.05%	0.001%
10	3.239	3.232	3.269	VV	241	4209	0.10%	0.002%
11	3.273	3.269	3.281	VV	327	1495	0.04%	0.001%
12	3.285	3.281	3.290	VV	247	969	0.02%	0.000%
13	3.293	3.290	3.295	VV	204	382	0.01%	0.000%
14	3.297	3.295	3.303	VV	186	598	0.01%	0.000%
15	3.310	3.303	3.314	VV	225	933	0.02%	0.000%
16	3.317	3.314	3.319	VV	222	400	0.01%	0.000%
17	3.329	3.319	3.335	VV	318	2454	0.06%	0.001%
18	3.341	3.335	3.346	VV	284	1224	0.03%	0.001%
19	3.348	3.346	3.352	VV	245	624	0.02%	0.000%
20	3.354	3.352	3.358	VV	196	625	0.02%	0.000%
21	3.363	3.358	3.371	VV	326	1759	0.04%	0.001%
22	3.379	3.371	3.392	VV	302	3029	0.07%	0.002%
23	3.394	3.392	3.399	VV	318	1171	0.03%	0.001%
24	3.403	3.399	3.405	VV	374	1012	0.03%	0.001%
25	3.411	3.405	3.414	VV	397	1671	0.04%	0.001%
26	3.418	3.414	3.428	VV	380	2070	0.05%	0.001%
27	3.433	3.428	3.439	VV	300	1499	0.04%	0.001%
28	3.445	3.439	3.449	VV	284	1094	0.03%	0.001%
29	3.452	3.449	3.455	VV	289	767	0.02%	0.000%
30	3.458	3.455	3.461	VV	213	658	0.02%	0.000%
31	3.464	3.461	3.469	VV	293	863	0.02%	0.000%
32	3.472	3.469	3.486	VV	154	974	0.02%	0.000%
33	3.505	3.486	3.507	PV	308	2858	0.07%	0.001%
34	3.524	3.507	3.545	VV	384	5506	0.14%	0.003%
35	3.549	3.545	3.555	VV	311	1242	0.03%	0.001%
36	3.570	3.555	3.588	VV	312	4699	0.12%	0.002%

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37	3.607	3.588	3.628	VV	356	5806	0.14%	0.003%
38	3.631	3.628	3.645	VV	262	2138	0.05%	0.001%
39	3.656	3.645	3.683	VV	477	6285	0.16%	0.003%
40	3.686	3.683	3.694	VV	203	1254	0.03%	0.001%
41	3.704	3.694	3.712	VV	311	2777	0.07%	0.001%
42	3.722	3.712	3.741	VV	424	5175	0.13%	0.003%
43	3.753	3.741	3.764	VV	260	3047	0.08%	0.002%
44	3.769	3.764	3.774	VV	294	1403	0.03%	0.001%
45	3.778	3.774	3.783	VV	307	1400	0.03%	0.001%
46	3.789	3.783	3.800	VV	351	2672	0.07%	0.001%
47	3.808	3.800	3.824	VV	368	4118	0.10%	0.002%
48	3.828	3.824	3.846	VV	336	3321	0.08%	0.002%
49	3.875	3.846	3.902	VV	334	7855	0.19%	0.004%
50	3.903	3.902	3.908	VV	250	594	0.01%	0.000%
51	3.915	3.908	3.932	VV	297	2321	0.06%	0.001%
52	3.963	3.932	3.978	VV	238	4052	0.10%	0.002%
53	3.989	3.978	4.005	VV	347	3259	0.08%	0.002%
54	4.017	4.005	4.046	VV	398	4997	0.12%	0.003%
55	4.051	4.046	4.057	VV	198	768	0.02%	0.000%
56	4.066	4.057	4.071	VV	241	1247	0.03%	0.001%
57	4.078	4.071	4.083	VV	269	1599	0.04%	0.001%
58	4.092	4.083	4.109	VV	489	4283	0.11%	0.002%
59	4.115	4.109	4.157	VV	338	6145	0.15%	0.003%
60	4.159	4.157	4.163	VV	310	908	0.02%	0.000%
61	4.170	4.163	4.179	VV	346	2542	0.06%	0.001%
62	4.190	4.179	4.230	VV	433	9196	0.23%	0.005%
63	4.240	4.230	4.248	VV	333	2631	0.07%	0.001%
64	4.252	4.248	4.264	VV	269	1887	0.05%	0.001%
65	4.268	4.264	4.275	VV	327	1392	0.03%	0.001%
66	4.297	4.275	4.304	VV	390	4052	0.10%	0.002%
67	4.307	4.304	4.316	VV	289	1858	0.05%	0.001%
68	4.335	4.316	4.344	VV	421	5646	0.14%	0.003%
69	4.347	4.344	4.363	VV	429	3966	0.10%	0.002%
70	4.375	4.363	4.392	VV	412	5853	0.14%	0.003%
71	4.406	4.392	4.412	VV	347	2972	0.07%	0.002%
72	4.416	4.412	4.423	VV	337	1362	0.03%	0.001%
73	4.437	4.423	4.450	VV	517	5392	0.13%	0.003%
74	4.469	4.450	4.499	VV	669	12909	0.32%	0.007%
75	4.505	4.499	4.509	VV	391	1883	0.05%	0.001%
76	4.514	4.509	4.519	VV	330	1717	0.04%	0.001%
77	4.527	4.519	4.540	VV	332	3616	0.09%	0.002%
78	4.556	4.540	4.567	VV	722	7143	0.18%	0.004%
79	4.573	4.567	4.625	VV	599	13180	0.33%	0.007%
80	4.645	4.625	4.658	VV	565	5933	0.15%	0.003%
81	4.664	4.658	4.676	VV	262	1585	0.04%	0.001%
82	4.679	4.676	4.698	VV	125	1430	0.04%	0.001%
83	4.725	4.698	4.746	PV	308	5531	0.14%	0.003%
84	4.758	4.746	4.770	VV	437	4372	0.11%	0.002%
85	4.774	4.770	4.789	VV	440	3293	0.08%	0.002%
86	4.809	4.789	4.840	VV	759	11949	0.30%	0.006%
87	4.865	4.840	4.877	VV	734	8478	0.21%	0.004%
88	4.885	4.877	4.903	VV	427	5119	0.13%	0.003%
89	4.911	4.903	4.952	VV	414	6138	0.15%	0.003%

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90	4.981	4.952	4.991	PV	351	4218	0.10%	0.002%
91	5.003	4.991	5.011	VV	336	3572	0.09%	0.002%
92	5.017	5.011	5.036	VV	343	3783	0.09%	0.002%
93	5.042	5.036	5.049	VV	318	1775	0.04%	0.001%
94	5.063	5.049	5.074	VV	422	3964	0.10%	0.002%
95	5.090	5.074	5.105	VV	491	7394	0.18%	0.004%
96	5.108	5.105	5.113	VV	487	1795	0.04%	0.001%
97	5.125	5.113	5.143	VV	401	5698	0.14%	0.003%
98	5.147	5.143	5.172	VV	345	4115	0.10%	0.002%
99	5.179	5.172	5.197	VV	372	3345	0.08%	0.002%
100	5.223	5.197	5.243	VV	1291	20404	0.50%	0.010%
101	5.253	5.243	5.291	VV	896	12560	0.31%	0.006%
102	5.307	5.291	5.318	VV	437	5551	0.14%	0.003%
103	5.330	5.318	5.349	VV	584	7010	0.17%	0.004%
104	5.352	5.349	5.364	VV	319	2835	0.07%	0.001%
105	5.383	5.364	5.414	VV	1164	18623	0.46%	0.010%
106	5.425	5.414	5.435	VV	435	4137	0.10%	0.002%
107	5.439	5.435	5.450	VV	310	2394	0.06%	0.001%
108	5.455	5.450	5.473	VV	426	4097	0.10%	0.002%
109	5.496	5.473	5.538	VV	620	14445	0.36%	0.007%
110	5.558	5.538	5.567	VV	543	6643	0.16%	0.003%
111	5.577	5.567	5.584	VV	437	3533	0.09%	0.002%
112	5.598	5.584	5.611	VV	409	4335	0.11%	0.002%
113	5.615	5.611	5.635	VV	314	2018	0.05%	0.001%
114	5.662	5.635	5.677	PV	501	6150	0.15%	0.003%
115	5.684	5.677	5.690	VV	386	2387	0.06%	0.001%
116	5.706	5.690	5.729	VV	672	9603	0.24%	0.005%
117	5.732	5.729	5.736	VV	340	1117	0.03%	0.001%
118	5.742	5.736	5.747	VV	325	1811	0.04%	0.001%
119	5.758	5.747	5.765	VV	347	3615	0.09%	0.002%
120	5.771	5.765	5.776	VV	461	2456	0.06%	0.001%
121	5.797	5.776	5.825	VV	661	14046	0.35%	0.007%
122	5.847	5.825	5.870	VV	619	11910	0.29%	0.006%
123	5.886	5.870	5.895	VV	560	6476	0.16%	0.003%
124	5.912	5.895	5.917	VV	781	8205	0.20%	0.004%
125	5.923	5.917	5.943	VV	758	9776	0.24%	0.005%
126	5.954	5.943	5.963	VV	518	4688	0.12%	0.002%
127	5.981	5.963	6.004	VV	660	11757	0.29%	0.006%
128	6.016	6.004	6.023	VV	539	5040	0.12%	0.003%
129	6.027	6.023	6.035	VV	441	3006	0.07%	0.002%
130	6.039	6.035	6.042	VV	343	1377	0.03%	0.001%
131	6.062	6.042	6.077	VV	759	11278	0.28%	0.006%
132	6.105	6.077	6.116	VV	820	16021	0.40%	0.008%
133	6.118	6.116	6.127	VV	819	4380	0.11%	0.002%
134	6.132	6.127	6.167	VV	751	10607	0.26%	0.005%
135	6.189	6.167	6.206	VV	1446	20560	0.51%	0.011%
136	6.212	6.206	6.238	VV	883	8740	0.22%	0.004%
137	6.246	6.238	6.250	VV	247	1342	0.03%	0.001%
138	6.274	6.250	6.287	VV	527	7340	0.18%	0.004%
139	6.301	6.287	6.313	VV	479	4293	0.11%	0.002%
140	6.332	6.313	6.354	VV	1364	18969	0.47%	0.010%
141	6.360	6.354	6.391	VV	946	10961	0.27%	0.006%

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142	6.399	6.391	6.410	VV	323	2429	0.06%	0.001%
143	6.433	6.410	6.449	VV	425	6076	0.15%	0.003%
144	6.462	6.449	6.472	VV	468	4716	0.12%	0.002%
145	6.477	6.472	6.488	VV	454	3596	0.09%	0.002%
146	6.496	6.488	6.521	VV	754	9936	0.25%	0.005%
147	6.532	6.521	6.547	VV	492	4486	0.11%	0.002%
148	6.564	6.547	6.570	VV	528	4792	0.12%	0.002%
149	6.578	6.570	6.606	VV	537	6553	0.16%	0.003%
150	6.629	6.606	6.643	PV	551	6867	0.17%	0.004%
151	6.664	6.643	6.672	VV	718	8390	0.21%	0.004%
152	6.694	6.672	6.717	VV	949	17779	0.44%	0.009%
153	6.739	6.717	6.764	VV	857	14652	0.36%	0.007%
154	6.780	6.764	6.806	VV	704	11998	0.30%	0.006%
155	6.813	6.806	6.831	VV	505	5823	0.14%	0.003%
156	6.840	6.831	6.855	VV	529	4414	0.11%	0.002%
157	6.882	6.855	6.922	VV	2296	33851	0.84%	0.017%
158	6.940	6.922	6.955	VV	675	9425	0.23%	0.005%
159	6.975	6.955	6.995	VV	1002	16653	0.41%	0.009%
160	7.003	6.995	7.025	VV	593	8110	0.20%	0.004%
161	7.036	7.025	7.051	VV	521	7272	0.18%	0.004%
162	7.059	7.051	7.073	VV	668	7342	0.18%	0.004%
163	7.104	7.073	7.129	VV	2813	43891	1.09%	0.022%
164	7.153	7.129	7.172	VV	729	13411	0.33%	0.007%
165	7.182	7.172	7.195	VV	494	5744	0.14%	0.003%
166	7.201	7.195	7.215	VV	431	3761	0.09%	0.002%
167	7.228	7.215	7.241	VV	481	5390	0.13%	0.003%
168	7.272	7.241	7.303	VV	1499	24809	0.61%	0.013%
169	7.315	7.303	7.350	VV	426	6021	0.15%	0.003%
170	7.375	7.350	7.386	PV	758	9589	0.24%	0.005%
171	7.516	7.511	7.606	VV	4593	178005	4.40%	0.091%
172	7.617	7.606	7.642	VV	2173	41565	1.03%	0.021%
173	7.665	7.642	7.679	VV	2094	40856	1.01%	0.021%
174	7.694	7.679	7.708	VV	2168	30521	0.75%	0.016%
175	7.722	7.708	7.743	VV	2083	31893	0.79%	0.016%
176	7.753	7.743	7.768	VV	1405	18092	0.45%	0.009%
177	7.788	7.768	7.812	VV	3716	57349	1.42%	0.029%
178	7.832	7.812	7.862	VV	2289	52102	1.29%	0.027%
179	7.876	7.862	7.888	VV	2047	28348	0.70%	0.014%
180	7.909	7.888	7.919	VV	2214	35535	0.88%	0.018%
181	7.934	7.919	7.949	VV	2677	42326	1.05%	0.022%
182	7.968	7.949	8.032	VV	5286	114480	2.83%	0.059%
183	8.040	8.032	8.046	VV	1122	8366	0.21%	0.004%
184	8.060	8.046	8.070	VV	1203	16561	0.41%	0.008%
185	8.111	8.070	8.137	VV	3533	77980	1.93%	0.040%
186	8.145	8.137	8.157	VV	1132	11878	0.29%	0.006%
187	8.182	8.157	8.199	VV	1490	27622	0.68%	0.014%
188	8.209	8.199	8.226	VV	973	11620	0.29%	0.006%
189	8.242	8.226	8.249	VV	575	6656	0.16%	0.003%
190	8.371	8.355	8.457	VV	9769	345290	8.54%	0.177%
191	8.467	8.457	8.482	VV	3710	52848	1.31%	0.027%
192	8.499	8.482	8.526	VV	5816	92958	2.30%	0.048%
193	8.554	8.526	8.561	VV	2124	39152	0.97%	0.020%
194	8.563	8.561	8.589	VV	2072	26423	0.65%	0.014%

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195	8.614	8.589	8.631	VV	1791	38260	0.95%	0.020%
196	8.642	8.631	8.659	VV	1796	27243	0.67%	0.014%
197	8.678	8.659	8.701	VV	2050	45362	1.12%	0.023%
198	8.719	8.701	8.761	VV	2051	66289	1.64%	0.034%
199	8.786	8.761	8.844	VV	6759	132321	3.27%	0.068%
200	8.863	8.844	8.887	VV	1709	30943	0.77%	0.016%
201	8.907	8.887	8.916	VV	972	13738	0.34%	0.007%
202	8.928	8.916	8.962	VV	1162	21190	0.52%	0.011%
203	8.977	8.962	8.992	VV	947	12364	0.31%	0.006%
204	9.015	8.992	9.029	VV	886	15456	0.38%	0.008%
205	9.070	9.029	9.098	VV	1322	35897	0.89%	0.018%
206	9.106	9.098	9.127	VV	729	10343	0.26%	0.005%
207	9.174	9.127	9.193	VV	3299	84547	2.09%	0.043%
208	9.197	9.193	9.210	VV	2568	25084	0.62%	0.013%
209	9.229	9.210	9.267	VV	3009	72385	1.79%	0.037%
210	9.288	9.267	9.300	VV	1806	30716	0.76%	0.016%
211	9.314	9.300	9.322	VV	1914	22531	0.56%	0.012%
212	9.333	9.322	9.359	VV	2153	34378	0.85%	0.018%
213	9.363	9.359	9.370	VV	1055	5873	0.15%	0.003%
214	9.379	9.370	9.431	VV	1109	29721	0.73%	0.015%
215	9.438	9.431	9.446	VV	743	4907	0.12%	0.003%
216	9.511	9.446	9.537	VV	2375	70353	1.74%	0.036%
217	9.559	9.537	9.599	VV	8498	118851	2.94%	0.061%
218	9.611	9.599	9.615	VV	1057	9477	0.23%	0.005%
219	9.621	9.615	9.625	VV	1091	6089	0.15%	0.003%
220	9.632	9.625	9.649	VV	1247	15626	0.39%	0.008%
221	9.662	9.649	9.706	VV	1217	25679	0.63%	0.013%
222	9.729	9.706	9.734	VV	777	9420	0.23%	0.005%
223	9.738	9.734	9.753	VV	821	6473	0.16%	0.003%
224	9.768	9.753	9.774	VV	703	6868	0.17%	0.004%
225	9.776	9.774	9.784	VV	622	3427	0.08%	0.002%
226	9.787	9.784	9.811	VV	656	5241	0.13%	0.003%
227	9.834	9.811	9.853	PV	523	8039	0.20%	0.004%
228	9.858	9.853	9.864	VV	380	1903	0.05%	0.001%
229	9.900	9.864	9.916	VV	1533	27447	0.68%	0.014%
230	9.944	9.916	9.972	VV	4644	81792	2.02%	0.042%
231	9.993	9.972	10.008	VV	1624	26030	0.64%	0.013%
232	10.027	10.008	10.052	VV	1574	35400	0.88%	0.018%
233	10.058	10.052	10.064	VV	1142	7400	0.18%	0.004%
234	10.084	10.064	10.109	VV	2575	39399	0.97%	0.020%
235	10.158	10.109	10.176	VV	1089	25993	0.64%	0.013%
236	10.200	10.176	10.211	VV	1493	25411	0.63%	0.013%
237	10.217	10.211	10.246	VV	1534	20406	0.50%	0.010%
238	10.293	10.246	10.337	VV	9036	154642	3.82%	0.079%
239	10.364	10.337	10.445	VV	7543	193818	4.79%	0.099%
240	10.487	10.445	10.494	VV	1193	19854	0.49%	0.010%
241	10.503	10.494	10.524	VV	1131	17044	0.42%	0.009%
242	10.544	10.524	10.623	VV	73437	1150784	28.46%	0.589%
243	10.644	10.623	10.722	VV	7424	261443	6.46%	0.134%
244	10.743	10.722	10.782	VV	2755	74480	1.84%	0.038%
245	10.796	10.782	10.836	VV	1708	28674	0.71%	0.015%
246	10.866	10.836	10.877	VV	555	9266	0.23%	0.005%

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247	10.913	10.877	10.924	VV	2646	39339	0.97%	0.020%
248	10.935	10.924	10.960	VV	2618	49286	1.22%	0.025%
249	10.991	10.960	11.025	VV	9332	145565	3.60%	0.074%
250	11.031	11.025	11.049	VV	965	10701	0.26%	0.005%
251	11.081	11.049	11.130	VV	7111	115547	2.86%	0.059%
252	11.146	11.130	11.163	VV	819	8018	0.20%	0.004%
253	11.189	11.163	11.207	VV	1090	12849	0.32%	0.007%
254	11.233	11.207	11.245	PV	915	14924	0.37%	0.008%
255	11.257	11.245	11.263	VV	907	7898	0.20%	0.004%
256	11.297	11.263	11.334	VV	228186	2467797	61.02%	1.262%
257	11.352	11.334	11.370	VV	7730	118673	2.93%	0.061%
258	11.386	11.370	11.434	VV	8718	177558	4.39%	0.091%
259	11.461	11.434	11.487	VV	13416	239996	5.93%	0.123%
260	11.497	11.487	11.517	VV	5488	83281	2.06%	0.043%
261	11.537	11.517	11.571	VV	5312	106730	2.64%	0.055%
262	11.589	11.571	11.610	VV	1491	21868	0.54%	0.011%
263	11.658	11.610	11.697	VV	9327	150489	3.72%	0.077%
264	11.715	11.697	11.735	VV	1779	28778	0.71%	0.015%
265	11.776	11.735	11.812	VV	3961	119202	2.95%	0.061%
266	11.838	11.812	11.873	VV	4509	119829	2.96%	0.061%
267	11.888	11.873	11.915	VV	2481	47894	1.18%	0.024%
268	11.927	11.915	11.950	VV	1757	27604	0.68%	0.014%
269	11.964	11.950	11.987	VV	1244	15900	0.39%	0.008%
270	12.031	11.987	12.056	PV	2403	56014	1.39%	0.029%
271	12.073	12.056	12.083	VV	1287	17753	0.44%	0.009%
272	12.095	12.083	12.108	VV	1150	14209	0.35%	0.007%
273	12.142	12.108	12.156	VV	2341	44015	1.09%	0.023%
274	12.167	12.156	12.192	VV	1511	19360	0.48%	0.010%
275	12.243	12.192	12.266	VV	10422	168866	4.18%	0.086%
276	12.296	12.266	12.331	VV	11835	220311	5.45%	0.113%
277	12.354	12.331	12.452	VV	185962	2510301	62.07%	1.284%
278	12.482	12.452	12.503	VV	2152	39861	0.99%	0.020%
279	12.524	12.503	12.536	PV	1335	15145	0.37%	0.008%
280	12.553	12.536	12.599	VV	4310	110021	2.72%	0.056%
281	12.606	12.599	12.626	VV	1579	17456	0.43%	0.009%
282	12.650	12.626	12.698	VV	132989	1779283	44.00%	0.910%
283	12.737	12.698	12.821	VV	173893	2452687	60.65%	1.254%
284	12.846	12.821	12.883	VV	3971	81570	2.02%	0.042%
285	12.904	12.883	12.935	VV	10476	165039	4.08%	0.084%
286	12.947	12.935	12.975	VV	5461	108822	2.69%	0.056%
287	12.985	12.975	13.030	VV	3993	75518	1.87%	0.039%
288	13.048	13.030	13.058	PV	2006	21369	0.53%	0.011%
289	13.072	13.058	13.099	VV	2924	45089	1.11%	0.023%
290	13.127	13.099	13.176	VV	6541	160271	3.96%	0.082%
291	13.194	13.176	13.214	VV	3264	50498	1.25%	0.026%
292	13.255	13.214	13.297	VV	17600	382841	9.47%	0.196%
293	13.314	13.297	13.337	VV	3066	54609	1.35%	0.028%
294	13.360	13.337	13.383	VV	15198	225191	5.57%	0.115%
295	13.401	13.383	13.412	VV	10358	145766	3.60%	0.075%
296	13.425	13.412	13.454	VV	9078	157859	3.90%	0.081%
297	13.488	13.454	13.507	VV	11455	219945	5.44%	0.112%
298	13.522	13.507	13.553	VV	9679	173855	4.30%	0.089%
299	13.566	13.553	13.600	VV	5249	103229	2.55%	0.053%

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300	13.605	13.600	13.611	VV	2380	15001	0.37%	0.008%
301	13.620	13.611	13.661	VV	2588	36986	0.91%	0.019%
302	13.714	13.661	13.731	PV	3456	93411	2.31%	0.048%
303	13.733	13.731	13.751	VV	3222	26659	0.66%	0.014%
304	13.754	13.751	13.764	VV	1816	10529	0.26%	0.005%
305	13.781	13.764	13.805	VV	1826	27645	0.68%	0.014%
306	13.852	13.805	13.864	PV	2397	37038	0.92%	0.019%
307	13.875	13.864	13.886	VV	2478	28032	0.69%	0.014%
308	13.890	13.886	13.894	VV	2010	9773	0.24%	0.005%
309	13.977	13.894	14.007	VV	7377	210510	5.21%	0.108%
310	14.048	14.007	14.070	PV	12959	217907	5.39%	0.111%
311	14.092	14.070	14.114	VV	5938	104018	2.57%	0.053%
312	14.126	14.114	14.149	VV	1960	29324	0.73%	0.015%
313	14.170	14.149	14.198	VV	12162	191003	4.72%	0.098%
314	14.224	14.198	14.269	VV	12461	270310	6.68%	0.138%
315	14.295	14.269	14.321	VV	6961	125361	3.10%	0.064%
316	14.347	14.321	14.381	VV	4957	108766	2.69%	0.056%
317	14.384	14.381	14.391	VV	2032	10126	0.25%	0.005%
318	14.396	14.391	14.402	VV	1735	8918	0.22%	0.005%
319	14.429	14.402	14.451	PV	4991	70706	1.75%	0.036%
320	14.467	14.451	14.490	VV	1204	15030	0.37%	0.008%
321	14.510	14.490	14.516	VV	7220	65346	1.62%	0.033%
322	14.535	14.516	14.556	VV	54769	664863	16.44%	0.340%
323	14.576	14.556	14.645	VV	66777	1239381	30.65%	0.634%
324	14.664	14.645	14.677	VV	4854	71445	1.77%	0.037%
325	14.695	14.677	14.729	VV	13326	210010	5.19%	0.107%
326	14.749	14.729	14.761	VV	4134	59227	1.46%	0.030%
327	14.778	14.761	14.791	VV	3787	53809	1.33%	0.028%
328	14.797	14.791	14.802	VV	1632	8354	0.21%	0.004%
329	14.809	14.802	14.818	VV	1142	8385	0.21%	0.004%
330	14.840	14.818	14.847	VV	4240	42973	1.06%	0.022%
331	14.870	14.847	14.874	VV	5128	71366	1.76%	0.036%
332	14.890	14.874	14.928	VV	7660	142970	3.54%	0.073%
333	14.933	14.928	14.946	VV	1735	9650	0.24%	0.005%
334	14.969	14.946	14.983	PV	2956	40681	1.01%	0.021%
335	15.009	14.983	15.025	VV	10190	168323	4.16%	0.086%
336	15.029	15.025	15.036	VV	6457	37415	0.93%	0.019%
337	15.041	15.036	15.069	VV	5276	52816	1.31%	0.027%
338	15.110	15.069	15.138	VV	12337	211578	5.23%	0.108%
339	15.155	15.138	15.174	VV	4447	64733	1.60%	0.033%
340	15.180	15.174	15.186	VV	1982	12200	0.30%	0.006%
341	15.215	15.186	15.242	VV	15004	234824	5.81%	0.120%
342	15.254	15.242	15.277	VV	5012	86030	2.13%	0.044%
343	15.286	15.277	15.291	VV	4548	28346	0.70%	0.014%
344	15.308	15.291	15.327	VV	5345	88176	2.18%	0.045%
345	15.355	15.327	15.367	VV	8970	139854	3.46%	0.072%
346	15.373	15.367	15.389	VV	8773	94055	2.33%	0.048%
347	15.393	15.389	15.405	VV	6346	51425	1.27%	0.026%
348	15.407	15.405	15.417	VV	5260	29874	0.74%	0.015%
349	15.435	15.417	15.463	VV	4702	88834	2.20%	0.045%
350	15.472	15.463	15.481	VV	3184	23679	0.59%	0.012%
351	15.501	15.481	15.522	VV	4509	80539	1.99%	0.041%

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352	15.554	15.522	15.579	VV	4629	111770	2.76%	0.057%
353	15.605	15.579	15.622	VV	15519	214958	5.32%	0.110%
354	15.665	15.622	15.689	VV	6869	212033	5.24%	0.108%
355	15.695	15.689	15.703	VV	3503	27553	0.68%	0.014%
356	15.710	15.703	15.718	VV	3576	24899	0.62%	0.013%
357	15.733	15.718	15.748	VV	3879	47395	1.17%	0.024%
358	15.774	15.748	15.798	PV	11636	194528	4.81%	0.099%
359	15.811	15.798	15.835	VV	8064	127913	3.16%	0.065%
360	15.859	15.835	15.869	VV	8510	135134	3.34%	0.069%
361	15.917	15.869	15.939	VV	14308	409907	10.14%	0.210%
362	15.947	15.939	15.964	VV	9704	129193	3.19%	0.066%
363	15.968	15.964	15.971	VV	9380	37288	0.92%	0.019%
364	15.979	15.971	15.983	VV	9656	65933	1.63%	0.034%
365	15.992	15.983	16.013	VV	11632	169228	4.18%	0.087%
366	16.034	16.013	16.044	VV	11779	193001	4.77%	0.099%
367	16.047	16.044	16.053	VV	9813	50973	1.26%	0.026%
368	16.099	16.053	16.119	VV	89152	1542939	38.15%	0.789%
369	16.128	16.119	16.164	VV	35241	707763	17.50%	0.362%
370	16.169	16.164	16.181	VV	17617	153806	3.80%	0.079%
371	16.190	16.181	16.200	VV	14675	158635	3.92%	0.081%
372	16.218	16.200	16.224	VV	16590	212186	5.25%	0.109%
373	16.240	16.224	16.264	VV	21938	444580	10.99%	0.227%
374	16.271	16.264	16.305	VV	19164	391931	9.69%	0.200%
375	16.317	16.305	16.324	VV	14981	143703	3.55%	0.073%
376	16.328	16.324	16.346	VV	12803	152112	3.76%	0.078%
377	16.420	16.346	16.458	VV	54550	1570520	38.83%	0.803%
378	16.487	16.458	16.512	VV	53790	1028148	25.42%	0.526%
379	16.522	16.512	16.536	VV	24075	309891	7.66%	0.158%
380	16.555	16.536	16.573	VV	41880	676363	16.72%	0.346%
381	16.591	16.573	16.613	VV	31786	567033	14.02%	0.290%
382	16.622	16.613	16.629	VV	19874	180991	4.48%	0.093%
383	16.633	16.629	16.654	VV	19442	253600	6.27%	0.130%
384	16.656	16.654	16.664	VV	15937	90243	2.23%	0.046%
385	16.667	16.664	16.677	VV	16244	115911	2.87%	0.059%
386	16.681	16.677	16.685	VV	15515	69810	1.73%	0.036%
387	16.712	16.685	16.741	VV	24959	729854	18.05%	0.373%
388	16.766	16.741	16.794	VV	30212	773515	19.13%	0.396%
389	16.811	16.794	16.831	VV	22809	463530	11.46%	0.237%
390	16.845	16.831	16.879	VV	32067	798521	19.74%	0.408%
391	16.882	16.879	16.907	VV	28009	427990	10.58%	0.219%
392	16.929	16.907	16.957	VV	35094	848297	20.98%	0.434%
393	17.011	16.957	17.036	VV	42941	1425749	35.25%	0.729%
394	17.057	17.036	17.066	VV	29977	460834	11.39%	0.236%
395	17.088	17.066	17.121	VV	33433	885468	21.89%	0.453%
396	17.125	17.121	17.129	VV	24805	122172	3.02%	0.062%
397	17.167	17.129	17.186	VV	35516	1023169	25.30%	0.523%
398	17.192	17.186	17.200	VV	28141	222080	5.49%	0.114%
399	17.204	17.200	17.214	VV	23730	201771	4.99%	0.103%
400	17.256	17.214	17.262	VV	28185	709394	17.54%	0.363%
401	17.273	17.262	17.299	VV	30227	595506	14.72%	0.305%
402	17.329	17.299	17.335	VV	34111	664465	16.43%	0.340%
403	17.350	17.335	17.357	VV	35648	437112	10.81%	0.224%
404	17.362	17.357	17.369	VV	32127	222570	5.50%	0.114%

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405	17.384	17.369	17.389	VV	38620	414633	10.25%	0.212%
406	17.393	17.389	17.404	VV	40113	330999	8.18%	0.169%
407	17.424	17.404	17.428	VV	45123	592750	14.66%	0.303%
408	17.444	17.428	17.487	VV	49500	1325803	32.78%	0.678%
409	17.493	17.487	17.505	VV	29118	315893	7.81%	0.162%
410	17.553	17.505	17.574	VV	70062	1879051	46.46%	0.961%
411	17.583	17.574	17.611	VV	49387	933411	23.08%	0.477%
412	17.616	17.611	17.629	VV	36740	387201	9.57%	0.198%
413	17.635	17.629	17.639	VV	32399	184401	4.56%	0.094%
414	17.651	17.639	17.659	VV	34329	383983	9.49%	0.196%
415	17.669	17.659	17.677	VV	35446	348434	8.62%	0.178%
416	17.700	17.677	17.709	VV	38911	632082	15.63%	0.323%
417	17.713	17.709	17.723	VV	38654	333567	8.25%	0.171%
418	17.729	17.723	17.746	VV	38808	501817	12.41%	0.257%
419	17.781	17.746	17.796	VV	45115	1255436	31.04%	0.642%
420	17.806	17.796	17.831	VV	42799	825535	20.41%	0.422%
421	17.834	17.831	17.844	VV	38644	299655	7.41%	0.153%
422	17.872	17.844	17.899	VV	77926	2010005	49.70%	1.028%
423	17.922	17.899	17.949	VV	76836	1783054	44.09%	0.912%
424	17.955	17.949	17.982	VV	48960	867054	21.44%	0.443%
425	17.998	17.982	18.003	VV	46604	528482	13.07%	0.270%
426	18.014	18.003	18.029	VV	46371	679525	16.80%	0.348%
427	18.042	18.029	18.055	VV	45208	673377	16.65%	0.344%
428	18.059	18.055	18.065	VV	42679	244419	6.04%	0.125%
429	18.079	18.065	18.089	VV	44724	597646	14.78%	0.306%
430	18.094	18.089	18.106	VV	37164	337948	8.36%	0.173%
431	18.128	18.106	18.174	VV	63426	1987481	49.14%	1.016%
432	18.179	18.174	18.182	VV	39596	178272	4.41%	0.091%
433	18.188	18.182	18.209	VV	39890	618490	15.29%	0.316%
434	18.270	18.209	18.294	VV	63298	2444392	60.44%	1.250%
435	18.302	18.294	18.324	VV	47301	756806	18.71%	0.387%
436	18.342	18.324	18.374	VV	68210	1573728	38.91%	0.805%
437	18.392	18.374	18.409	VV	66138	1185773	29.32%	0.606%
438	18.414	18.409	18.441	VV	51662	877943	21.71%	0.449%
439	18.445	18.441	18.449	VV	43427	208218	5.15%	0.106%
440	18.457	18.449	18.466	VV	46768	433347	10.72%	0.222%
441	18.476	18.466	18.482	VV	48597	422913	10.46%	0.216%
442	18.488	18.482	18.494	VV	49516	336365	8.32%	0.172%
443	18.531	18.494	18.544	VV	53915	1429258	35.34%	0.731%
444	18.564	18.544	18.569	VV	50623	751744	18.59%	0.384%
445	18.580	18.569	18.589	VV	51290	582043	14.39%	0.298%
446	18.594	18.589	18.601	VV	51135	339612	8.40%	0.174%
447	18.631	18.601	18.642	VV	52555	1244658	30.78%	0.637%
448	18.669	18.642	18.690	VV	88446	1980276	48.97%	1.013%
449	18.694	18.690	18.719	VV	58744	992070	24.53%	0.507%
450	18.741	18.719	18.776	VV	64237	1916161	47.38%	0.980%
451	18.784	18.776	18.793	VV	55096	556928	13.77%	0.285%
452	18.798	18.793	18.806	VV	53744	394875	9.76%	0.202%
453	18.809	18.806	18.814	VV	56041	266118	6.58%	0.136%
454	18.826	18.814	18.832	VV	61141	613387	15.17%	0.314%
455	18.839	18.832	18.862	VV	65686	1116556	27.61%	0.571%
456	18.868	18.862	18.889	VV	60498	906258	22.41%	0.463%

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457	18.906	18.889	18.924	VV	56933	1148815	28.41%	0.588%
458	18.945	18.924	18.949	VV	58788	843192	20.85%	0.431%
459	18.956	18.949	18.967	VV	60387	596756	14.76%	0.305%
460	19.001	18.967	19.007	VV	59863	1359731	33.62%	0.695%
461	19.018	19.007	19.029	VV	62096	747398	18.48%	0.382%
462	19.054	19.029	19.094	VV	94021	2891333	71.49%	1.479%
463	19.100	19.094	19.109	VV	58688	510521	12.62%	0.261%
464	19.131	19.109	19.138	VV	66349	1070975	26.48%	0.548%
465	19.151	19.138	19.176	VV	69077	1482461	36.66%	0.758%
466	19.185	19.176	19.191	VV	67327	551510	13.64%	0.282%
467	19.197	19.191	19.202	VV	65927	426837	10.55%	0.218%
468	19.212	19.202	19.221	VV	68323	736173	18.20%	0.376%
469	19.249	19.221	19.267	VV	72221	1834763	45.37%	0.938%
470	19.272	19.267	19.279	VV	69114	489008	12.09%	0.250%
471	19.301	19.279	19.330	VV	80680	2263576	55.97%	1.158%
472	19.336	19.330	19.346	VV	72174	635109	15.70%	0.325%
473	19.375	19.346	19.395	VV	84430	2236623	55.30%	1.144%
474	19.430	19.395	19.446	VV	94589	2476408	61.23%	1.267%
475	19.451	19.446	19.469	VV	88570	1113342	27.53%	0.569%
476	19.474	19.469	19.511	VV	81635	1835158	45.38%	0.939%
477	19.518	19.511	19.522	VV	69181	469848	11.62%	0.240%
478	19.550	19.522	19.559	VV	77408	1588999	39.29%	0.813%
479	19.566	19.559	19.603	VV	81280	2003374	49.54%	1.025%
480	19.626	19.603	19.632	VV	76837	1251029	30.93%	0.640%
481	19.658	19.632	19.662	VV	81079	1345363	33.27%	0.688%
482	19.673	19.662	19.682	VV	87339	1027701	25.41%	0.526%
483	19.690	19.682	19.734	VV	90005	2569980	63.55%	1.314%
484	19.743	19.734	19.749	VV	80963	686532	16.98%	0.351%
485	19.792	19.749	19.797	VV	102311	2568116	63.50%	1.313%
486	19.801	19.797	19.811	VV	97231	759376	18.78%	0.388%
487	19.841	19.811	19.864	VV	98647	2916302	72.11%	1.491%
488	19.878	19.864	19.900	VV	89543	1854695	45.86%	0.949%
489	19.922	19.900	19.935	VV	90617	1786177	44.17%	0.913%
490	19.973	19.935	19.995	VV	101185	3206649	79.29%	1.640%
491	20.011	19.995	20.018	VV	92023	1207394	29.85%	0.617%
492	20.031	20.018	20.037	VV	96180	1084862	26.82%	0.555%
493	20.043	20.037	20.045	VV	91344	422602	10.45%	0.216%
494	20.069	20.045	20.076	VV	101530	1755500	43.41%	0.898%
495	20.078	20.076	20.091	VV	97502	859278	21.25%	0.439%
496	20.143	20.091	20.157	VV	112891	4044220	100.00%	2.068%
497	20.161	20.157	20.201	VV	114024	2498799	61.79%	1.278%
498	20.220	20.201	20.229	VV	98226	1591536	39.35%	0.814%
499	20.246	20.229	20.258	VV	103905	1753822	43.37%	0.897%
500	20.262	20.258	20.274	VV	103484	945129	23.37%	0.483%
501	20.279	20.274	20.282	VV	97858	470282	11.63%	0.241%
502	20.288	20.282	20.292	VV	98274	566005	14.00%	0.289%
503	20.314	20.292	20.321	VV	108051	1750864	43.29%	0.895%
504	20.349	20.321	20.360	VV	112842	2559201	63.28%	1.309%
505	20.366	20.360	20.369	VV	110071	590171	14.59%	0.302%
506	20.378	20.369	20.432	VV	111940	3772621	93.28%	1.929%
507	20.449	20.432	20.475	VV	96146	2337060	57.79%	1.195%
508	20.498	20.475	20.524	VV	101926	2745863	67.90%	1.404%
509	20.531	20.524	20.544	VV	86973	996619	24.64%	0.510%

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510	20.547	20.544	20.553	VV	82721	446325	11.04%	0.228%
511	20.574	20.553	20.584	VV	86977	1526310	37.74%	0.781%
512	20.599	20.584	20.611	VV	85822	1331334	32.92%	0.681%
513	20.641	20.611	20.659	VV	79852	2200429	54.41%	1.125%
514	20.664	20.659	20.693	VV	72144	1346530	33.30%	0.689%
515	20.734	20.693	20.739	VV	66770	1767588	43.71%	0.904%
516	20.742	20.739	20.747	VV	64581	269724	6.67%	0.138%
517	20.753	20.747	20.763	VV	65639	612634	15.15%	0.313%
518	20.770	20.763	20.792	VV	65032	1112202	27.50%	0.569%
519	20.799	20.792	20.804	VV	67064	437919	10.83%	0.224%
520	20.818	20.804	20.839	VV	68813	1367479	33.81%	0.699%
521	20.867	20.839	20.873	VV	77834	1364761	33.75%	0.698%
522	20.877	20.873	20.904	VV	74136	1208346	29.88%	0.618%
523	20.911	20.904	20.938	VV	58452	1089811	26.95%	0.557%
524	20.947	20.938	20.976	VV	47709	1001921	24.77%	0.512%
525	20.980	20.976	20.999	VV	44728	571196	14.12%	0.292%
526	21.005	20.999	21.011	VV	35197	244648	6.05%	0.125%
527	21.060	21.011	21.071	VV	37297	1239996	30.66%	0.634%
528	21.091	21.071	21.102	VV	37655	684006	16.91%	0.350%
529	21.130	21.102	21.162	VV	36759	1205669	29.81%	0.617%
530	21.190	21.162	21.211	VV	38501	957446	23.67%	0.490%
531	21.233	21.211	21.267	VV	31753	989319	24.46%	0.506%
532	21.301	21.267	21.351	VV	41386	1292703	31.96%	0.661%
533	21.358	21.351	21.374	VV	9918	108607	2.69%	0.056%
534	21.382	21.374	21.392	PV	2965	25493	0.63%	0.013%
					Sum of corrected areas:		195531527	

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