

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081921AL\
 Data File : FC055306.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2021 19:00
 Sample : M3476-01MSD
 Misc :
 ALS Vial : 9 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	3.098	3.081	3.117	BV	156	999	0.01%	0.000%
2	3.141	3.117	3.230	PV	305361	2675903	32.23%	0.727%
3	3.233	3.230	3.245	VV	1307	10744	0.13%	0.003%
4	3.248	3.245	3.251	VV	1258	4003	0.05%	0.001%
5	3.254	3.251	3.271	VV	1255	12997	0.16%	0.004%
6	3.275	3.271	3.280	VV	911	4423	0.05%	0.001%
7	3.283	3.280	3.295	VV	910	6513	0.08%	0.002%
8	3.305	3.295	3.317	VV	679	7834	0.09%	0.002%
9	3.318	3.317	3.324	VV	646	2358	0.03%	0.001%
10	3.326	3.324	3.329	VV	670	1416	0.02%	0.000%
11	3.336	3.329	3.355	VV	612	7281	0.09%	0.002%
12	3.372	3.355	3.382	VV	458	5874	0.07%	0.002%
13	3.394	3.382	3.397	VV	593	4013	0.05%	0.001%
14	3.398	3.397	3.405	VV	593	2336	0.03%	0.001%
15	3.414	3.405	3.437	VV	614	7039	0.08%	0.002%
16	3.450	3.437	3.455	VV	497	3753	0.05%	0.001%
17	3.457	3.455	3.492	VV	407	5890	0.07%	0.002%
18	3.495	3.492	3.497	VV	193	431	0.01%	0.000%
19	3.508	3.497	3.515	VV	482	3976	0.05%	0.001%
20	3.518	3.515	3.524	VV	345	1626	0.02%	0.000%
21	3.532	3.524	3.546	VV	404	3688	0.04%	0.001%
22	3.549	3.546	3.563	VV	391	2684	0.03%	0.001%
23	3.565	3.563	3.567	VV	261	542	0.01%	0.000%
24	3.574	3.567	3.602	VV	416	5855	0.07%	0.002%
25	3.618	3.602	3.641	VV	271	3665	0.04%	0.001%
26	3.662	3.641	3.666	VV	461	3564	0.04%	0.001%
27	3.667	3.666	3.670	VV	410	836	0.01%	0.000%
28	3.673	3.670	3.675	VV	266	707	0.01%	0.000%
29	3.678	3.675	3.685	VV	355	1240	0.01%	0.000%
30	3.688	3.685	3.691	VV	218	729	0.01%	0.000%
31	3.692	3.691	3.703	VV	266	1357	0.02%	0.000%
32	3.720	3.703	3.731	VV	495	5967	0.07%	0.002%
33	3.737	3.731	3.758	VV	365	3631	0.04%	0.001%
34	3.762	3.758	3.765	VV	275	609	0.01%	0.000%
35	3.779	3.765	3.797	VV	264	3520	0.04%	0.001%
36	3.798	3.797	3.805	VV	221	761	0.01%	0.000%

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37	3.822	3.805	3.830	VV	364	3632	0.04%	0.001%
38	3.834	3.830	3.840	VV	248	1136	0.01%	0.000%
39	3.849	3.840	3.852	VV	358	1772	0.02%	0.000%
40	3.855	3.852	3.860	VV	423	1649	0.02%	0.000%
41	3.862	3.860	3.872	VV	343	1843	0.02%	0.001%
42	3.880	3.872	3.882	VV	484	2477	0.03%	0.001%
43	3.888	3.882	3.907	VV	562	5891	0.07%	0.002%
44	3.911	3.907	3.918	VV	394	1667	0.02%	0.000%
45	3.919	3.918	3.934	VV	257	2073	0.02%	0.001%
46	3.935	3.934	3.939	VV	280	631	0.01%	0.000%
47	3.952	3.939	3.956	VV	390	2758	0.03%	0.001%
48	3.969	3.956	3.982	VV	784	8366	0.10%	0.002%
49	3.991	3.982	3.996	VV	616	4833	0.06%	0.001%
50	3.998	3.996	4.014	VV	632	4073	0.05%	0.001%
51	4.021	4.014	4.026	VV	335	2210	0.03%	0.001%
52	4.035	4.026	4.039	VV	377	2480	0.03%	0.001%
53	4.041	4.039	4.044	VV	305	716	0.01%	0.000%
54	4.049	4.044	4.060	VV	322	2261	0.03%	0.001%
55	4.062	4.060	4.067	VV	261	650	0.01%	0.000%
56	4.071	4.067	4.073	PV	157	429	0.01%	0.000%
57	4.075	4.073	4.081	VV	163	579	0.01%	0.000%
58	4.099	4.081	4.102	VV	519	4041	0.05%	0.001%
59	4.104	4.102	4.121	VV	495	2760	0.03%	0.001%
60	4.125	4.121	4.128	VV	223	476	0.01%	0.000%
61	4.143	4.128	4.147	VV	372	2577	0.03%	0.001%
62	4.151	4.147	4.162	VV	311	2195	0.03%	0.001%
63	4.192	4.162	4.211	VV	334469	2988588	36.00%	0.812%
64	4.228	4.211	4.330	VV	333862	3333339	40.15%	0.906%
65	4.333	4.330	4.351	VV	2243	27226	0.33%	0.007%
66	4.353	4.351	4.372	VV	2059	23143	0.28%	0.006%
67	4.375	4.372	4.378	VV	1886	6477	0.08%	0.002%
68	4.383	4.378	4.395	VV	1859	17120	0.21%	0.005%
69	4.398	4.395	4.399	VV	1495	3563	0.04%	0.001%
70	4.401	4.399	4.409	VV	1512	8672	0.10%	0.002%
71	4.411	4.409	4.419	VV	1491	7868	0.09%	0.002%
72	4.421	4.419	4.427	VV	1442	7404	0.09%	0.002%
73	4.440	4.427	4.452	VV	1791	22129	0.27%	0.006%
74	4.459	4.452	4.460	VV	1387	6460	0.08%	0.002%
75	4.463	4.460	4.479	VV	1416	13582	0.16%	0.004%
76	4.483	4.479	4.489	VV	1059	5405	0.07%	0.001%
77	4.490	4.489	4.498	VV	1067	5188	0.06%	0.001%
78	4.505	4.498	4.507	VV	969	4851	0.06%	0.001%
79	4.512	4.507	4.529	VV	974	10748	0.13%	0.003%
80	4.535	4.529	4.537	VV	672	3087	0.04%	0.001%
81	4.543	4.537	4.565	VV	789	11487	0.14%	0.003%
82	4.586	4.565	4.594	VV	966	12311	0.15%	0.003%
83	4.600	4.594	4.607	VV	709	4596	0.06%	0.001%
84	4.610	4.607	4.616	VV	566	2505	0.03%	0.001%
85	4.619	4.616	4.622	VV	509	1559	0.02%	0.000%
86	4.628	4.622	4.632	VV	508	2834	0.03%	0.001%
87	4.647	4.632	4.667	VV	1685	21078	0.25%	0.006%
88	4.672	4.667	4.685	VV	531	4074	0.05%	0.001%
89	4.691	4.685	4.695	VV	430	2267	0.03%	0.001%

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90	4.704	4.695	4.706	VV	482	2601	0.03%	0.001%
91	4.709	4.706	4.719	VV	458	3271	0.04%	0.001%
92	4.722	4.719	4.724	VV	438	1246	0.02%	0.000%
93	4.727	4.724	4.730	VV	469	1542	0.02%	0.000%
94	4.739	4.730	4.760	VV	662	7404	0.09%	0.002%
95	4.762	4.760	4.766	VV	308	865	0.01%	0.000%
96	4.784	4.766	4.788	VV	532	5074	0.06%	0.001%
97	4.795	4.788	4.798	VV	722	3231	0.04%	0.001%
98	4.800	4.798	4.805	VV	717	2544	0.03%	0.001%
99	4.816	4.805	4.849	VV	929	14962	0.18%	0.004%
100	4.866	4.849	4.884	VV	843	13511	0.16%	0.004%
101	4.888	4.884	4.898	VV	746	5375	0.06%	0.001%
102	4.915	4.898	4.919	VV	774	8524	0.10%	0.002%
103	4.924	4.919	4.940	VV	700	6534	0.08%	0.002%
104	4.944	4.940	4.959	VV	454	2907	0.04%	0.001%
105	4.963	4.959	4.969	VV	291	896	0.01%	0.000%
106	4.977	4.969	4.993	VV	235	2056	0.02%	0.001%
107	4.994	4.993	4.996	VV	174	235	0.00%	0.000%
108	5.014	4.996	5.026	VV	536	6138	0.07%	0.002%
109	5.035	5.026	5.039	VV	328	2137	0.03%	0.001%
110	5.045	5.039	5.054	VV	329	2154	0.03%	0.001%
111	5.070	5.054	5.077	VV	393	4206	0.05%	0.001%
112	5.099	5.077	5.113	VV	785	11792	0.14%	0.003%
113	5.115	5.113	5.120	VV	480	1736	0.02%	0.000%
114	5.128	5.120	5.154	VV	572	7467	0.09%	0.002%
115	5.158	5.154	5.161	VV	381	1479	0.02%	0.000%
116	5.164	5.161	5.181	VV	431	3464	0.04%	0.001%
117	5.185	5.181	5.200	VV	370	2633	0.03%	0.001%
118	5.223	5.200	5.246	VV	3267	49449	0.60%	0.013%
119	5.257	5.246	5.283	VV	1107	14964	0.18%	0.004%
120	5.284	5.283	5.304	VV	412	3919	0.05%	0.001%
121	5.311	5.304	5.317	VV	362	2513	0.03%	0.001%
122	5.320	5.317	5.322	VV	375	930	0.01%	0.000%
123	5.324	5.322	5.325	VV	413	625	0.01%	0.000%
124	5.331	5.325	5.349	VV	462	4569	0.06%	0.001%
125	5.358	5.349	5.366	VV	259	1421	0.02%	0.000%
126	5.385	5.366	5.411	VV	1797	21896	0.26%	0.006%
127	5.413	5.411	5.423	VV	415	2269	0.03%	0.001%
128	5.438	5.423	5.443	VV	461	3635	0.04%	0.001%
129	5.445	5.443	5.454	VV	429	1979	0.02%	0.001%
130	5.461	5.454	5.476	VV	341	3017	0.04%	0.001%
131	5.503	5.476	5.533	PV	927	20306	0.24%	0.006%
132	5.554	5.533	5.573	VV	862	14033	0.17%	0.004%
133	5.585	5.573	5.588	VV	700	5012	0.06%	0.001%
134	5.592	5.588	5.616	VV	816	9522	0.11%	0.003%
135	5.619	5.616	5.622	VV	432	1538	0.02%	0.000%
136	5.623	5.622	5.635	VV	373	1315	0.02%	0.000%
137	5.639	5.635	5.651	PV	132	860	0.01%	0.000%
138	5.666	5.651	5.678	VV	573	4661	0.06%	0.001%
139	5.690	5.678	5.693	VV	273	1699	0.02%	0.000%
140	5.712	5.693	5.735	VV	667	8334	0.10%	0.002%
141	5.755	5.735	5.842	VV	275166	3371838	40.62%	0.916%

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142	5.844	5.842	5.870	VV	6198	86494	1.04%	0.023%
143	5.872	5.870	5.876	VV	3942	14309	0.17%	0.004%
144	5.878	5.876	5.885	VV	3959	20384	0.25%	0.006%
145	5.887	5.885	5.908	VV	3809	47437	0.57%	0.013%
146	5.913	5.908	5.920	VV	3383	22906	0.28%	0.006%
147	5.923	5.920	5.942	VV	3232	40143	0.48%	0.011%
148	5.943	5.942	5.963	VV	2667	29007	0.35%	0.008%
149	5.974	5.963	5.986	VV	2298	30013	0.36%	0.008%
150	5.990	5.986	6.005	VV	2217	23113	0.28%	0.006%
151	6.020	6.005	6.044	VV	1998	40562	0.49%	0.011%
152	6.063	6.044	6.070	VV	1692	25180	0.30%	0.007%
153	6.073	6.070	6.082	VV	1616	10848	0.13%	0.003%
154	6.083	6.082	6.088	VV	1608	5968	0.07%	0.002%
155	6.093	6.088	6.098	VV	1615	9019	0.11%	0.002%
156	6.101	6.098	6.103	VV	1686	4719	0.06%	0.001%
157	6.112	6.103	6.123	VV	1729	20469	0.25%	0.006%
158	6.127	6.123	6.135	VV	1808	11927	0.14%	0.003%
159	6.138	6.135	6.159	VV	1636	20220	0.24%	0.005%
160	6.191	6.159	6.260	VV	349840	3522413	42.43%	0.957%
161	6.266	6.260	6.293	VV	1989	34529	0.42%	0.009%
162	6.307	6.293	6.320	VV	1510	20780	0.25%	0.006%
163	6.336	6.320	6.361	VV	2336	41055	0.49%	0.011%
164	6.365	6.361	6.397	VV	1432	21828	0.26%	0.006%
165	6.403	6.397	6.416	VV	684	7194	0.09%	0.002%
166	6.434	6.416	6.451	VV	995	16336	0.20%	0.004%
167	6.473	6.451	6.487	VV	821	14362	0.17%	0.004%
168	6.503	6.487	6.524	VV	1255	18456	0.22%	0.005%
169	6.538	6.524	6.552	VV	709	8628	0.10%	0.002%
170	6.587	6.552	6.616	VV	1140	30306	0.37%	0.008%
171	6.632	6.616	6.655	VV	768	13984	0.17%	0.004%
172	6.667	6.655	6.681	VV	948	11516	0.14%	0.003%
173	6.700	6.681	6.714	VV	1040	17809	0.21%	0.005%
174	6.739	6.714	6.774	VV	1779	43768	0.53%	0.012%
175	6.806	6.774	6.935	VV	283745	3624677	43.66%	0.985%
176	6.951	6.935	6.997	VV	4388	129305	1.56%	0.035%
177	7.010	6.997	7.034	VV	2446	49654	0.60%	0.013%
178	7.045	7.034	7.058	VV	1890	25548	0.31%	0.007%
179	7.061	7.058	7.073	VV	1871	15572	0.19%	0.004%
180	7.109	7.073	7.154	VV	4180	101886	1.23%	0.028%
181	7.164	7.154	7.172	VV	1286	13167	0.16%	0.004%
182	7.187	7.172	7.219	VV	1251	26622	0.32%	0.007%
183	7.224	7.219	7.229	VV	903	5242	0.06%	0.001%
184	7.234	7.229	7.258	VV	818	11678	0.14%	0.003%
185	7.278	7.258	7.314	VV	1828	32092	0.39%	0.009%
186	7.326	7.314	7.351	VV	706	10717	0.13%	0.003%
187	7.380	7.351	7.391	VV	1302	18956	0.23%	0.005%
188	7.415	7.391	7.516	VV	440368	5021172	60.48%	1.364%
189	7.523	7.516	7.643	VV	4353	192621	2.32%	0.052%
190	7.670	7.643	7.684	VV	2209	43724	0.53%	0.012%
191	7.700	7.684	7.715	VV	3069	43455	0.52%	0.012%
192	7.726	7.715	7.748	VV	2229	35497	0.43%	0.010%
193	7.762	7.748	7.774	VV	1436	20317	0.24%	0.006%
194	7.796	7.774	7.824	VV	3303	63730	0.77%	0.017%

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195	7.838	7.824	7.864	VV	2495	47353	0.57%	0.013%
196	7.905	7.864	7.924	VV	3974	91178	1.10%	0.025%
197	7.941	7.924	7.948	VV	3769	49715	0.60%	0.014%
198	7.976	7.948	8.031	VV	387577	3912468	47.13%	1.063%
199	8.043	8.031	8.051	VV	3035	30667	0.37%	0.008%
200	8.075	8.051	8.169	VV	352005	4080703	49.16%	1.109%
201	8.178	8.169	8.234	VV	3336	85354	1.03%	0.023%
202	8.238	8.234	8.256	VV	1077	12499	0.15%	0.003%
203	8.278	8.256	8.346	VV	260638	3265691	39.34%	0.887%
204	8.370	8.346	8.470	VV	389727	4423280	53.28%	1.202%
205	8.474	8.470	8.492	VV	4281	51255	0.62%	0.014%
206	8.506	8.492	8.529	VV	4560	74753	0.90%	0.020%
207	8.533	8.529	8.544	VV	1979	18187	0.22%	0.005%
208	8.560	8.544	8.565	VV	2169	24334	0.29%	0.007%
209	8.569	8.565	8.592	VV	2115	28398	0.34%	0.008%
210	8.620	8.592	8.641	VV	2109	52419	0.63%	0.014%
211	8.645	8.641	8.665	VV	2040	26372	0.32%	0.007%
212	8.691	8.665	8.743	VV	2806	95590	1.15%	0.026%
213	8.746	8.743	8.763	VV	1802	18464	0.22%	0.005%
214	8.791	8.763	8.812	VV	4980	83584	1.01%	0.023%
215	8.828	8.812	8.856	VV	2576	49501	0.60%	0.013%
216	8.862	8.856	8.892	VV	1222	18064	0.22%	0.005%
217	8.937	8.892	8.959	VV	2613	47191	0.57%	0.013%
218	8.981	8.959	9.002	VV	1692	28883	0.35%	0.008%
219	9.008	9.002	9.019	VV	783	6852	0.08%	0.002%
220	9.030	9.019	9.040	VV	875	9907	0.12%	0.003%
221	9.074	9.040	9.105	VV	2567	59379	0.72%	0.016%
222	9.120	9.105	9.129	VV	1207	12396	0.15%	0.003%
223	9.152	9.129	9.218	VV	337444	3947402	47.55%	1.072%
224	9.229	9.218	9.279	VV	5997	154460	1.86%	0.042%
225	9.283	9.279	9.288	VV	2712	15308	0.18%	0.004%
226	9.303	9.288	9.332	VV	3474	79874	0.96%	0.022%
227	9.342	9.332	9.360	VV	3299	47501	0.57%	0.013%
228	9.375	9.360	9.439	VV	3283	101082	1.22%	0.027%
229	9.440	9.439	9.469	VV	1312	20354	0.25%	0.006%
230	9.500	9.469	9.537	VV	2461	75221	0.91%	0.020%
231	9.567	9.537	9.660	VV	366238	4080250	49.15%	1.109%
232	9.670	9.660	9.711	VV	1869	36873	0.44%	0.010%
233	9.731	9.711	9.821	VV	1343	38111	0.46%	0.010%
234	9.833	9.821	9.838	VV	225	1406	0.02%	0.000%
235	9.842	9.838	9.851	VV	139	851	0.01%	0.000%
236	9.855	9.851	9.860	PV	228	1025	0.01%	0.000%
237	9.864	9.860	9.878	VV	257	2078	0.03%	0.001%
238	9.899	9.878	9.925	VV	1040	16616	0.20%	0.005%
239	9.950	9.925	9.979	VV	1659	27647	0.33%	0.008%
240	9.999	9.979	10.016	VV	1554	21888	0.26%	0.006%
241	10.026	10.016	10.034	VV	1532	14181	0.17%	0.004%
242	10.051	10.034	10.071	VV	1693	33328	0.40%	0.009%
243	10.089	10.071	10.125	VV	2318	45254	0.55%	0.012%
244	10.153	10.125	10.193	VV	2574	60828	0.73%	0.017%
245	10.203	10.193	10.214	VV	1292	14872	0.18%	0.004%
246	10.232	10.214	10.252	VV	1385	24540	0.30%	0.007%

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247	10.302	10.252	10.311	VV	3949	73355	0.88%	0.020%
248	10.321	10.311	10.343	VV	3679	51062	0.62%	0.014%
249	10.372	10.343	10.441	VV	6249	163626	1.97%	0.044%
250	10.460	10.441	10.505	VV	1642	32926	0.40%	0.009%
251	10.549	10.505	10.603	VV	405041	4576111	55.12%	1.243%
252	10.624	10.603	10.740	VV	317662	4060851	48.92%	1.103%
253	10.747	10.740	10.790	VV	2467	51494	0.62%	0.014%
254	10.801	10.790	10.841	VV	1177	22286	0.27%	0.006%
255	10.869	10.841	10.887	VV	917	17402	0.21%	0.005%
256	10.951	10.887	10.969	VV	2520	73582	0.89%	0.020%
257	11.003	10.969	11.059	VV	350870	4149635	49.99%	1.127%
258	11.089	11.059	11.128	VV	5467	99058	1.19%	0.027%
259	11.153	11.128	11.175	VV	2213	33910	0.41%	0.009%
260	11.193	11.175	11.210	VV	1366	19862	0.24%	0.005%
261	11.229	11.210	11.254	VV	1354	26007	0.31%	0.007%
262	11.258	11.254	11.264	VV	500	2763	0.03%	0.001%
263	11.306	11.264	11.338	VV	378351	4193574	50.52%	1.139%
264	11.356	11.338	11.374	VV	12893	182568	2.20%	0.050%
265	11.389	11.374	11.439	VV	14463	252848	3.05%	0.069%
266	11.464	11.439	11.487	VV	19482	296948	3.58%	0.081%
267	11.502	11.487	11.519	VV	9946	145816	1.76%	0.040%
268	11.537	11.519	11.623	VV	10777	222149	2.68%	0.060%
269	11.665	11.623	11.705	VV	3206	59271	0.71%	0.016%
270	11.724	11.705	11.737	VV	1192	16004	0.19%	0.004%
271	11.761	11.737	11.770	VV	2165	29850	0.36%	0.008%
272	11.784	11.770	11.814	VV	2338	46660	0.56%	0.013%
273	11.834	11.814	11.880	VV	5462	134047	1.61%	0.036%
274	11.891	11.880	11.926	VV	2179	40912	0.49%	0.011%
275	11.941	11.926	11.951	VV	991	12949	0.16%	0.004%
276	11.975	11.951	11.991	VV	1407	21935	0.26%	0.006%
277	12.030	11.991	12.061	PV	1748	45782	0.55%	0.012%
278	12.099	12.061	12.122	VV	2378	65163	0.78%	0.018%
279	12.144	12.122	12.194	VV	4551	109033	1.31%	0.030%
280	12.247	12.194	12.269	VV	17660	316430	3.81%	0.086%
281	12.307	12.269	12.335	VV	341523	4125442	49.70%	1.121%
282	12.363	12.335	12.446	VV	457969	5728009	69.00%	1.556%
283	12.470	12.446	12.498	VV	2829	57714	0.70%	0.016%
284	12.526	12.498	12.539	VV	4849	79840	0.96%	0.022%
285	12.555	12.539	12.602	VV	9604	186538	2.25%	0.051%
286	12.614	12.602	12.626	VV	2633	33147	0.40%	0.009%
287	12.660	12.626	12.704	VV	438942	5403547	65.09%	1.468%
288	12.747	12.704	12.814	VV	291838	3797681	45.75%	1.032%
289	12.818	12.814	12.830	VV	2223	19864	0.24%	0.005%
290	12.851	12.830	12.882	VV	4313	85741	1.03%	0.023%
291	12.916	12.882	12.942	VV	336799	3915389	47.16%	1.064%
292	12.951	12.942	12.982	VV	7270	122494	1.48%	0.033%
293	12.991	12.982	13.037	VV	4404	80643	0.97%	0.022%
294	13.052	13.037	13.061	VV	2609	27096	0.33%	0.007%
295	13.079	13.061	13.103	VV	4677	80165	0.97%	0.022%
296	13.128	13.103	13.201	VV	9696	227692	2.74%	0.062%
297	13.258	13.201	13.303	VV	19467	471490	5.68%	0.128%
298	13.318	13.303	13.335	VV	4051	61235	0.74%	0.017%
299	13.339	13.335	13.345	VV	2538	15114	0.18%	0.004%

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300	13.366	13.345	13.384	VV	11369	166364	2.00% 0.045%
301	13.403	13.384	13.464	VV	13016	314068	3.78% 0.085%
302	13.498	13.464	13.554	VV	305080	4107163	49.47% 1.116%
303	13.572	13.554	13.624	VV	9057	199415	2.40% 0.054%
304	13.635	13.624	13.667	VV	2115	39449	0.48% 0.011%
305	13.693	13.667	13.711	VV	3335	60620	0.73% 0.016%
306	13.718	13.711	13.742	VV	3048	46563	0.56% 0.013%
307	13.751	13.742	13.773	VV	1920	29095	0.35% 0.008%
308	13.779	13.773	13.785	VV	1468	9857	0.12% 0.003%
309	13.789	13.785	13.808	VV	1406	12389	0.15% 0.003%
310	13.841	13.808	13.869	PV	1820	34234	0.41% 0.009%
311	13.882	13.869	13.889	VV	1097	9254	0.11% 0.003%
312	13.894	13.889	13.901	VV	1002	6027	0.07% 0.002%
313	13.946	13.901	13.962	VV	7461	138751	1.67% 0.038%
314	13.982	13.962	14.009	VV	6747	132802	1.60% 0.036%
315	14.029	14.009	14.040	VV	6140	79935	0.96% 0.022%
316	14.056	14.040	14.073	VV	5848	95835	1.15% 0.026%
317	14.091	14.073	14.134	VV	5197	116995	1.41% 0.032%
318	14.176	14.134	14.202	VV	10809	213533	2.57% 0.058%
319	14.227	14.202	14.279	VV	17052	378970	4.57% 0.103%
320	14.297	14.279	14.322	VV	7001	111484	1.34% 0.030%
321	14.341	14.322	14.375	VV	8162	152252	1.83% 0.041%
322	14.387	14.375	14.401	VV	3509	48626	0.59% 0.013%
323	14.428	14.401	14.470	VV	4367	93277	1.12% 0.025%
324	14.477	14.470	14.483	VV	295	1385	0.02% 0.000%
325	14.539	14.483	14.559	VV	336475	4121235	49.64% 1.120%
326	14.584	14.559	14.591	VV	368529	4333498	52.20% 1.177%
327	14.596	14.591	14.659	VV	367118	3516826	42.36% 0.955%
328	14.704	14.659	14.734	VV	11834	265584	3.20% 0.072%
329	14.759	14.734	14.825	VV	6217	167913	2.02% 0.046%
330	14.848	14.825	14.879	VV	4232	96322	1.16% 0.026%
331	14.900	14.879	14.962	VV	7881	194564	2.34% 0.053%
332	15.003	14.962	15.081	VV	8316	282330	3.40% 0.077%
333	15.116	15.081	15.154	VV	4861	120277	1.45% 0.033%
334	15.171	15.154	15.191	VV	3746	54165	0.65% 0.015%
335	15.218	15.191	15.242	VV	20242	286727	3.45% 0.078%
336	15.259	15.242	15.295	VV	7822	146025	1.76% 0.040%
337	15.319	15.295	15.339	VV	4714	86522	1.04% 0.024%
338	15.362	15.339	15.369	VV	8630	110097	1.33% 0.030%
339	15.381	15.369	15.429	VV	8153	197463	2.38% 0.054%
340	15.443	15.429	15.458	VV	3222	45081	0.54% 0.012%
341	15.461	15.458	15.478	VV	2985	26355	0.32% 0.007%
342	15.483	15.478	15.487	VV	1555	8159	0.10% 0.002%
343	15.495	15.487	15.501	VV	2409	15613	0.19% 0.004%
344	15.507	15.501	15.524	VV	2320	23320	0.28% 0.006%
345	15.548	15.524	15.584	VV	4350	91667	1.10% 0.025%
346	15.617	15.584	15.649	VV	275943	3594466	43.30% 0.977%
347	15.673	15.649	15.703	VV	5240	118184	1.42% 0.032%
348	15.730	15.703	15.738	VV	3210	54290	0.65% 0.015%
349	15.742	15.738	15.757	VV	3261	28363	0.34% 0.008%
350	15.782	15.757	15.799	VV	4984	90352	1.09% 0.025%
351	15.812	15.799	15.838	VV	5596	106420	1.28% 0.029%

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352	15.915	15.838	15.945	VV	10015	423296	5.10%	0.115%
353	15.967	15.945	15.972	VV	6843	96376	1.16%	0.026%
354	15.976	15.972	15.984	VV	6452	47751	0.58%	0.013%
355	16.029	15.984	16.059	VV	10966	405933	4.89%	0.110%
356	16.103	16.059	16.117	VV	340551	4448441	53.59%	1.209%
357	16.131	16.117	16.189	VV	281678	3967371	47.79%	1.078%
358	16.192	16.189	16.209	VV	12076	135400	1.63%	0.037%
359	16.245	16.209	16.267	VV	21108	525687	6.33%	0.143%
360	16.276	16.267	16.338	VV	14109	474465	5.72%	0.129%
361	16.374	16.338	16.385	VV	17205	383860	4.62%	0.104%
362	16.391	16.385	16.404	VV	16530	178251	2.15%	0.048%
363	16.424	16.404	16.459	VV	56413	950720	11.45%	0.258%
364	16.484	16.459	16.530	VV	282157	4320024	52.04%	1.174%
365	16.564	16.530	16.587	VV	279160	4051659	48.81%	1.101%
366	16.597	16.587	16.626	VV	32618	590315	7.11%	0.160%
367	16.635	16.626	16.672	VV	19483	457392	5.51%	0.124%
368	16.730	16.672	16.735	VV	21805	676258	8.15%	0.184%
369	16.738	16.735	16.746	VV	21006	138301	1.67%	0.038%
370	16.768	16.746	16.799	VV	22871	646503	7.79%	0.176%
371	16.815	16.799	16.829	VV	19522	325920	3.93%	0.089%
372	16.856	16.829	16.874	VV	26291	636503	7.67%	0.173%
373	16.887	16.874	16.916	VV	24345	554276	6.68%	0.151%
374	16.944	16.916	16.969	VV	25284	712962	8.59%	0.194%
375	17.017	16.969	17.042	VV	29822	1098494	13.23%	0.298%
376	17.045	17.042	17.051	VV	22417	112903	1.36%	0.031%
377	17.090	17.051	17.118	VV	27837	978185	11.78%	0.266%
378	17.123	17.118	17.132	VV	23854	196050	2.36%	0.053%
379	17.155	17.132	17.162	VV	28803	467703	5.63%	0.127%
380	17.166	17.162	17.190	VV	29018	475023	5.72%	0.129%
381	17.193	17.190	17.229	VV	26390	556754	6.71%	0.151%
382	17.232	17.229	17.237	VV	23825	112818	1.36%	0.031%
383	17.252	17.237	17.269	VV	26213	476553	5.74%	0.129%
384	17.284	17.269	17.292	VV	28081	373323	4.50%	0.101%
385	17.296	17.292	17.307	VV	27042	232875	2.81%	0.063%
386	17.332	17.307	17.348	VV	31587	722925	8.71%	0.196%
387	17.354	17.348	17.362	VV	30095	250043	3.01%	0.068%
388	17.376	17.362	17.380	VV	29094	310670	3.74%	0.084%
389	17.398	17.380	17.409	VV	33888	540955	6.52%	0.147%
390	17.451	17.409	17.490	VV	291666	4942511	59.54%	1.343%
391	17.498	17.490	17.506	VV	29206	271365	3.27%	0.074%
392	17.510	17.506	17.517	VV	28613	181851	2.19%	0.049%
393	17.560	17.517	17.603	VV	47450	1942120	23.39%	0.528%
394	17.607	17.603	17.629	VV	36386	535496	6.45%	0.145%
395	17.636	17.629	17.646	VV	34711	356443	4.29%	0.097%
396	17.655	17.646	17.669	VV	34533	474247	5.71%	0.129%
397	17.686	17.669	17.694	VV	35165	495778	5.97%	0.135%
398	17.703	17.694	17.711	VV	36134	373541	4.50%	0.101%
399	17.716	17.711	17.726	VV	36290	311217	3.75%	0.085%
400	17.776	17.726	17.799	VV	48526	1753827	21.13%	0.477%
401	17.803	17.799	17.825	VV	41599	617521	7.44%	0.168%
402	17.869	17.825	17.881	VV	280287	4377610	52.73%	1.189%
403	17.894	17.881	17.985	VV	253130	6049702	72.87%	1.644%
404	18.009	17.985	18.026	VV	51704	1130086	13.61%	0.307%

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405	18.038	18.026	18.071	VV	49593	1238245	14.92%	0.336%
406	18.077	18.071	18.082	VV	43863	279834	3.37%	0.076%
407	18.084	18.082	18.091	VV	43311	234912	2.83%	0.064%
408	18.119	18.091	18.176	VV	261121	5320361	64.09%	1.446%
409	18.179	18.176	18.192	VV	45043	426614	5.14%	0.116%
410	18.206	18.192	18.221	VV	45096	763428	9.20%	0.207%
411	18.227	18.221	18.234	VV	45558	325270	3.92%	0.088%
412	18.281	18.234	18.325	VV	298777	5960466	71.80%	1.619%
413	18.350	18.325	18.367	VV	57062	1275758	15.37%	0.347%
414	18.400	18.367	18.419	VV	57991	1662201	20.02%	0.452%
415	18.424	18.419	18.437	VV	52824	527832	6.36%	0.143%
416	18.440	18.437	18.444	VV	49437	213457	2.57%	0.058%
417	18.457	18.444	18.463	VV	50448	556514	6.70%	0.151%
418	18.478	18.463	18.490	VV	52910	846247	10.19%	0.230%
419	18.497	18.490	18.504	VV	52369	399640	4.81%	0.109%
420	18.512	18.504	18.516	VV	53003	372955	4.49%	0.101%
421	18.528	18.516	18.534	VV	56692	581179	7.00%	0.158%
422	18.540	18.534	18.550	VV	57387	560541	6.75%	0.152%
423	18.574	18.550	18.584	VV	60189	1149522	13.85%	0.312%
424	18.610	18.584	18.614	VV	59077	1055128	12.71%	0.287%
425	18.624	18.614	18.636	VV	59301	752899	9.07%	0.205%
426	18.677	18.636	18.718	VV	75395	3133811	37.75%	0.851%
427	18.724	18.718	18.729	VV	61925	417603	5.03%	0.113%
428	18.741	18.729	18.750	VV	65017	781001	9.41%	0.212%
429	18.755	18.750	18.767	VV	64613	653700	7.87%	0.178%
430	18.773	18.767	18.779	VV	62382	429008	5.17%	0.117%
431	18.807	18.779	18.814	VV	64345	1310615	15.79%	0.356%
432	18.838	18.814	18.847	VV	67675	1303969	15.71%	0.354%
433	18.869	18.847	18.882	VV	67903	1373103	16.54%	0.373%
434	18.894	18.882	18.900	VV	66000	711408	8.57%	0.193%
435	18.906	18.900	18.912	VV	64841	443788	5.35%	0.121%
436	18.924	18.912	18.937	VV	68687	990741	11.93%	0.269%
437	18.946	18.937	18.950	VV	67343	516653	6.22%	0.140%
438	18.956	18.950	18.964	VV	68823	537858	6.48%	0.146%
439	18.969	18.964	18.981	VV	67256	679548	8.19%	0.185%
440	18.990	18.981	19.003	VV	67290	871380	10.50%	0.237%
441	19.063	19.003	19.107	VV	303960	7471727	90.00%	2.030%
442	19.140	19.107	19.144	VV	74553	1579113	19.02%	0.429%
443	19.157	19.144	19.179	VV	77805	1541471	18.57%	0.419%
444	19.199	19.179	19.205	VV	75121	1166394	14.05%	0.317%
445	19.220	19.205	19.225	VV	77469	904318	10.89%	0.246%
446	19.229	19.225	19.234	VV	75793	379050	4.57%	0.103%
447	19.256	19.234	19.273	VV	79205	1828362	22.02%	0.497%
448	19.303	19.273	19.329	VV	90192	2750566	33.13%	0.747%
449	19.334	19.329	19.339	VV	79590	501358	6.04%	0.136%
450	19.377	19.339	19.400	VV	94682	3114659	37.52%	0.846%
451	19.429	19.400	19.435	VV	88862	1770032	21.32%	0.481%
452	19.439	19.435	19.448	VV	90367	699254	8.42%	0.190%
453	19.454	19.448	19.467	VV	91208	984335	11.86%	0.267%
454	19.483	19.467	19.489	VV	87186	1136644	13.69%	0.309%
455	19.496	19.489	19.510	VV	86864	1071277	12.90%	0.291%
456	19.513	19.510	19.519	VV	85806	452197	5.45%	0.123%

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457	19.527	19.519	19.534	VV	84501	761017	9.17%	0.207%
458	19.548	19.534	19.554	VV	86227	1054107	12.70%	0.286%
459	19.560	19.554	19.600	VV	88219	2330558	28.07%	0.633%
460	19.606	19.600	19.619	VV	87855	947441	11.41%	0.257%
461	19.622	19.619	19.626	VV	83908	374852	4.52%	0.102%
462	19.631	19.626	19.636	VV	84423	520796	6.27%	0.141%
463	19.641	19.636	19.649	VV	84054	640508	7.72%	0.174%
464	19.688	19.649	19.713	VV	108302	3647874	43.94%	0.991%
465	19.716	19.713	19.722	VV	95134	518646	6.25%	0.141%
466	19.733	19.722	19.738	VV	95700	900437	10.85%	0.245%
467	19.747	19.738	19.755	VV	98854	999269	12.04%	0.271%
468	19.802	19.755	19.827	VV	299840	7274575	87.63%	1.976%
469	19.833	19.827	19.837	VV	108067	652534	7.86%	0.177%
470	19.842	19.837	19.862	VV	108635	1516942	18.27%	0.412%
471	19.868	19.862	19.873	VV	102843	672109	8.10%	0.183%
472	19.877	19.873	19.892	VV	100572	1116902	13.45%	0.303%
473	19.906	19.892	19.925	VV	104059	1995021	24.03%	0.542%
474	19.943	19.925	19.950	VV	102810	1520307	18.31%	0.413%
475	19.978	19.950	19.995	VV	108009	2784420	33.54%	0.757%
476	20.018	19.995	20.039	VV	110562	2787131	33.57%	0.757%
477	20.052	20.039	20.056	VV	111095	1115970	13.44%	0.303%
478	20.061	20.056	20.083	VV	110450	1772383	21.35%	0.482%
479	20.105	20.083	20.124	VV	115357	2787233	33.57%	0.757%
480	20.128	20.124	20.131	VV	114644	451944	5.44%	0.123%
481	20.153	20.131	20.165	VV	116913	2356656	28.39%	0.640%
482	20.169	20.165	20.187	VV	114974	1464931	17.65%	0.398%
483	20.191	20.187	20.198	VV	113188	748657	9.02%	0.203%
484	20.206	20.198	20.211	VV	113065	857968	10.34%	0.233%
485	20.223	20.211	20.232	VV	117767	1431970	17.25%	0.389%
486	20.237	20.232	20.249	VV	118202	1173096	14.13%	0.319%
487	20.277	20.249	20.297	VV	124245	3468065	41.78%	0.942%
488	20.310	20.297	20.322	VV	120697	1798784	21.67%	0.489%
489	20.327	20.322	20.337	VV	121100	1085572	13.08%	0.295%
490	20.361	20.337	20.407	VV	124452	5031380	60.61%	1.367%
491	20.419	20.407	20.423	VV	117669	1071327	12.91%	0.291%
492	20.426	20.423	20.436	VV	115384	932219	11.23%	0.253%
493	20.455	20.436	20.467	VV	117440	2082487	25.09%	0.566%
494	20.504	20.467	20.545	VV	300134	8301518	100.00%	2.255%
495	20.551	20.545	20.555	VV	120103	719216	8.66%	0.195%
496	20.570	20.555	20.587	VV	118722	2190100	26.38%	0.595%
497	20.599	20.587	20.649	VV	120935	4169840	50.23%	1.133%
498	20.657	20.649	20.683	VV	107310	2127853	25.63%	0.578%
499	20.687	20.683	20.700	VV	103870	1069966	12.89%	0.291%
500	20.705	20.700	20.722	VV	103221	1342547	16.17%	0.365%
501	20.752	20.722	20.761	VV	107070	2418818	29.14%	0.657%
502	20.781	20.761	20.788	VV	108815	1704108	20.53%	0.463%
503	20.793	20.788	20.809	VV	107578	1337252	16.11%	0.363%
504	20.814	20.809	20.819	VV	110138	661337	7.97%	0.180%
505	20.827	20.819	20.837	VV	110372	1225469	14.76%	0.333%
506	20.849	20.837	20.852	VV	111191	986436	11.88%	0.268%
507	20.859	20.852	20.865	VV	112259	835526	10.06%	0.227%
508	20.879	20.865	20.927	VV	112106	3953982	47.63%	1.074%
509	20.935	20.927	20.945	VV	104396	1104128	13.30%	0.300%

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510	20.951	20.945	21.018	VV	99199	4146499	49.95%	1.127%
511	21.022	21.018	21.029	VV	92436	633806	7.63%	0.172%
512	21.050	21.029	21.056	VV	92239	1441333	17.36%	0.392%
513	21.102	21.056	21.109	VV	99669	3079054	37.09%	0.837%
514	21.113	21.109	21.128	VV	98243	1093451	13.17%	0.297%
515	21.134	21.128	21.152	VV	98366	1416422	17.06%	0.385%
516	21.164	21.152	21.169	VV	97908	957132	11.53%	0.260%
517	21.175	21.169	21.183	VV	97662	814715	9.81%	0.221%
518	21.187	21.183	21.192	VV	95496	528700	6.37%	0.144%
519	21.196	21.192	21.203	VV	96969	618300	7.45%	0.168%
520	21.207	21.203	21.211	VV	97427	479540	5.78%	0.130%
521	21.217	21.211	21.229	VV	95581	991194	11.94%	0.269%
522	21.235	21.229	21.250	VV	93795	1173652	14.14%	0.319%
523	21.257	21.250	21.265	VV	94881	845160	10.18%	0.230%
524	21.311	21.265	21.366	VV	232286	8050594	96.98%	2.187%
525	21.377	21.366	21.401	VBA	81466	1735164	20.90%	0.471%

Sum of corrected areas: 368061469

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