

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081921AL\
 Data File : FC055308.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2021 20:25
 Sample : M3466-01
 Misc :
 ALS Vial : 11 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	3.116	3.101	3.118	BV	177	307	0.00%	0.000%
2	3.121	3.118	3.127	PV	140	424	0.01%	0.000%
3	3.141	3.127	3.165	VV	327	3984	0.05%	0.001%
4	3.180	3.165	3.201	PV	193	1668	0.02%	0.001%
5	3.225	3.201	3.237	VV	241	2576	0.03%	0.001%
6	3.243	3.237	3.268	VV	203	3088	0.04%	0.001%
7	3.273	3.268	3.289	VV	266	2158	0.03%	0.001%
8	3.290	3.289	3.300	VV	146	779	0.01%	0.000%
9	3.306	3.300	3.323	VV	256	2479	0.03%	0.001%
10	3.337	3.323	3.357	VV	232	3556	0.05%	0.001%
11	3.361	3.357	3.378	VV	288	2233	0.03%	0.001%
12	3.398	3.378	3.407	VV	323	3262	0.04%	0.001%
13	3.414	3.407	3.431	VV	298	2477	0.03%	0.001%
14	3.438	3.431	3.450	VV	229	1436	0.02%	0.000%
15	3.461	3.450	3.473	VV	314	2765	0.04%	0.001%
16	3.479	3.473	3.484	PV	170	828	0.01%	0.000%
17	3.496	3.484	3.504	VV	277	2327	0.03%	0.001%
18	3.510	3.504	3.519	VV	276	1837	0.02%	0.001%
19	3.523	3.519	3.536	VV	282	2489	0.03%	0.001%
20	3.543	3.536	3.558	VV	308	3140	0.04%	0.001%
21	3.574	3.558	3.585	VV	372	4453	0.06%	0.001%
22	3.589	3.585	3.596	VV	254	1540	0.02%	0.001%
23	3.598	3.596	3.608	VV	313	1406	0.02%	0.000%
24	3.621	3.608	3.626	VV	230	2187	0.03%	0.001%
25	3.630	3.626	3.648	VV	311	2543	0.03%	0.001%
26	3.665	3.648	3.674	VV	342	2650	0.04%	0.001%
27	3.697	3.674	3.704	VV	244	3180	0.04%	0.001%
28	3.721	3.704	3.770	VV	618	13367	0.18%	0.004%
29	3.775	3.770	3.781	VV	337	1347	0.02%	0.000%
30	3.799	3.781	3.806	VV	253	2860	0.04%	0.001%
31	3.827	3.806	3.844	VV	314	5439	0.07%	0.002%
32	3.852	3.844	3.858	VV	336	2322	0.03%	0.001%
33	3.865	3.858	3.871	VV	844	2355	0.03%	0.001%
34	3.881	3.871	3.894	VV	329	2610	0.03%	0.001%
35	3.898	3.894	3.910	VV	200	1076	0.01%	0.000%
36	3.929	3.910	3.936	PV	216	1708	0.02%	0.001%

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37	3.957	3.936	3.966	VV	314	4217	0.06%	0.001%
38	3.975	3.966	4.003	VV	396	6072	0.08%	0.002%
39	4.009	4.003	4.020	VV	411	2300	0.03%	0.001%
40	4.024	4.020	4.050	VV	340	3898	0.05%	0.001%
41	4.054	4.050	4.085	VV	220	3150	0.04%	0.001%
42	4.094	4.085	4.120	VV	292	3081	0.04%	0.001%
43	4.128	4.120	4.136	VV	184	680	0.01%	0.000%
44	4.141	4.136	4.151	VV	159	1183	0.02%	0.000%
45	4.156	4.151	4.161	VV	189	850	0.01%	0.000%
46	4.172	4.161	4.179	VV	225	1779	0.02%	0.001%
47	4.194	4.179	4.220	VV	441	6112	0.08%	0.002%
48	4.263	4.220	4.273	VV	416	8588	0.11%	0.003%
49	4.281	4.273	4.295	VV	382	3475	0.05%	0.001%
50	4.301	4.295	4.318	VV	349	2974	0.04%	0.001%
51	4.351	4.318	4.363	VV	468	8660	0.12%	0.003%
52	4.372	4.363	4.386	VV	402	4250	0.06%	0.001%
53	4.391	4.386	4.401	VV	333	2389	0.03%	0.001%
54	4.442	4.401	4.457	VV	575	12562	0.17%	0.004%
55	4.461	4.457	4.487	VV	444	6006	0.08%	0.002%
56	4.491	4.487	4.499	VV	361	2179	0.03%	0.001%
57	4.502	4.499	4.512	VV	335	1761	0.02%	0.001%
58	4.514	4.512	4.528	VV	241	1755	0.02%	0.001%
59	4.541	4.528	4.545	VV	299	2445	0.03%	0.001%
60	4.560	4.545	4.569	VV	356	3558	0.05%	0.001%
61	4.581	4.569	4.607	VV	459	6668	0.09%	0.002%
62	4.614	4.607	4.618	VV	283	1241	0.02%	0.000%
63	4.648	4.618	4.678	VV	482	8575	0.11%	0.003%
64	4.704	4.678	4.718	VV	459	5056	0.07%	0.002%
65	4.722	4.718	4.727	VV	174	791	0.01%	0.000%
66	4.738	4.727	4.743	VV	356	1907	0.03%	0.001%
67	4.748	4.743	4.756	VV	218	1076	0.01%	0.000%
68	4.763	4.756	4.770	VV	189	1269	0.02%	0.000%
69	4.812	4.770	4.845	VV	777	13689	0.18%	0.004%
70	4.871	4.845	4.880	VV	443	5732	0.08%	0.002%
71	4.891	4.880	4.905	VV	400	5067	0.07%	0.002%
72	4.909	4.905	4.914	VV	439	1510	0.02%	0.000%
73	4.918	4.914	4.935	VV	265	2080	0.03%	0.001%
74	4.939	4.935	4.958	VV	257	1382	0.02%	0.000%
75	4.983	4.958	4.999	PV	282	3631	0.05%	0.001%
76	5.005	4.999	5.023	VV	319	3492	0.05%	0.001%
77	5.025	5.023	5.037	VV	307	1901	0.03%	0.001%
78	5.043	5.037	5.054	VV	385	2696	0.04%	0.001%
79	5.070	5.054	5.086	VV	357	4553	0.06%	0.001%
80	5.104	5.086	5.116	VV	427	5337	0.07%	0.002%
81	5.125	5.116	5.142	VV	353	3801	0.05%	0.001%
82	5.146	5.142	5.156	VV	261	1574	0.02%	0.001%
83	5.160	5.156	5.171	VV	163	1513	0.02%	0.000%
84	5.182	5.171	5.200	VV	306	3554	0.05%	0.001%
85	5.228	5.200	5.244	PV	887	13467	0.18%	0.004%
86	5.257	5.244	5.294	VV	805	13513	0.18%	0.004%
87	5.311	5.294	5.319	VV	573	6620	0.09%	0.002%
88	5.323	5.319	5.330	VV	615	3558	0.05%	0.001%
89	5.335	5.330	5.361	VV	568	6999	0.09%	0.002%

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90	5.389	5.361	5.420	VV	943	18025	0.24%	0.006%
91	5.433	5.420	5.452	VV	343	4522	0.06%	0.001%
92	5.463	5.452	5.474	VV	397	3872	0.05%	0.001%
93	5.476	5.474	5.481	VV	322	1339	0.02%	0.000%
94	5.497	5.481	5.540	VV	556	14772	0.20%	0.005%
95	5.548	5.540	5.566	VV	487	5663	0.08%	0.002%
96	5.571	5.566	5.589	VV	331	3691	0.05%	0.001%
97	5.607	5.589	5.618	VV	392	4335	0.06%	0.001%
98	5.623	5.618	5.638	VV	252	1521	0.02%	0.000%
99	5.669	5.638	5.693	PV	437	7405	0.10%	0.002%
100	5.696	5.693	5.701	VV	336	1243	0.02%	0.000%
101	5.714	5.701	5.754	VV	551	9541	0.13%	0.003%
102	5.760	5.754	5.774	VV	314	3100	0.04%	0.001%
103	5.802	5.774	5.821	VV	792	13848	0.18%	0.005%
104	5.848	5.821	5.879	VV	666	17457	0.23%	0.006%
105	5.890	5.879	5.900	VV	554	5474	0.07%	0.002%
106	5.920	5.900	5.964	VV	594	16733	0.22%	0.005%
107	5.982	5.964	5.991	VV	502	6561	0.09%	0.002%
108	5.995	5.991	6.009	VV	374	3496	0.05%	0.001%
109	6.015	6.009	6.029	VV	388	3566	0.05%	0.001%
110	6.034	6.029	6.053	VV	309	3381	0.05%	0.001%
111	6.082	6.053	6.087	VV	571	8238	0.11%	0.003%
112	6.108	6.087	6.117	VV	682	9616	0.13%	0.003%
113	6.122	6.117	6.149	VV	731	10277	0.14%	0.003%
114	6.152	6.149	6.160	VV	534	3290	0.04%	0.001%
115	6.165	6.160	6.174	VV	456	3095	0.04%	0.001%
116	6.196	6.174	6.213	VV	777	12695	0.17%	0.004%
117	6.223	6.213	6.245	VV	641	8713	0.12%	0.003%
118	6.269	6.245	6.298	VV	612	11152	0.15%	0.004%
119	6.312	6.298	6.322	VV	503	4927	0.07%	0.002%
120	6.339	6.322	6.358	VV	884	13414	0.18%	0.004%
121	6.366	6.358	6.397	VV	779	11343	0.15%	0.004%
122	6.403	6.397	6.419	VV	254	2203	0.03%	0.001%
123	6.437	6.419	6.452	VV	391	4793	0.06%	0.002%
124	6.461	6.452	6.474	VV	324	2430	0.03%	0.001%
125	6.479	6.474	6.494	VV	290	1661	0.02%	0.001%
126	6.504	6.494	6.509	VV	443	2729	0.04%	0.001%
127	6.515	6.509	6.524	VV	360	2249	0.03%	0.001%
128	6.536	6.524	6.556	VV	357	4495	0.06%	0.001%
129	6.582	6.556	6.610	VV	507	10172	0.14%	0.003%
130	6.631	6.610	6.651	VV	536	6263	0.08%	0.002%
131	6.672	6.651	6.684	VV	464	6213	0.08%	0.002%
132	6.705	6.684	6.722	VV	602	10324	0.14%	0.003%
133	6.741	6.722	6.773	VV	670	13045	0.17%	0.004%
134	6.793	6.773	6.801	VV	546	7208	0.10%	0.002%
135	6.809	6.801	6.813	VV	459	3180	0.04%	0.001%
136	6.817	6.813	6.835	VV	672	6689	0.09%	0.002%
137	6.850	6.835	6.864	VV	636	8618	0.12%	0.003%
138	6.889	6.864	6.921	VV	1400	28363	0.38%	0.009%
139	6.955	6.921	6.977	VV	1106	24190	0.32%	0.008%
140	6.983	6.977	7.029	VV	916	20390	0.27%	0.007%
141	7.059	7.029	7.074	VV	756	14676	0.20%	0.005%

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142	7.111	7.074	7.142	VV	1490	32819	0.44%	0.011%
143	7.145	7.142	7.151	VV	486	2405	0.03%	0.001%
144	7.153	7.151	7.174	VV	526	5431	0.07%	0.002%
145	7.189	7.174	7.214	VV	519	8757	0.12%	0.003%
146	7.220	7.214	7.227	VV	275	1934	0.03%	0.001%
147	7.236	7.227	7.244	VV	422	3219	0.04%	0.001%
148	7.250	7.244	7.258	VV	284	1788	0.02%	0.001%
149	7.281	7.258	7.315	VV	926	16859	0.23%	0.006%
150	7.321	7.315	7.341	VV	378	3780	0.05%	0.001%
151	7.346	7.341	7.351	VV	260	690	0.01%	0.000%
152	7.380	7.351	7.393	PV	743	11154	0.15%	0.004%
153	7.618	7.609	7.663	VV	1794	49835	0.67%	0.016%
154	7.669	7.663	7.684	VV	1477	16997	0.23%	0.006%
155	7.704	7.684	7.719	VV	2341	36611	0.49%	0.012%
156	7.728	7.719	7.749	VV	1731	23757	0.32%	0.008%
157	7.765	7.749	7.774	VV	1155	15660	0.21%	0.005%
158	7.795	7.774	7.818	VV	2111	37777	0.50%	0.012%
159	7.838	7.818	7.855	VV	1931	34681	0.46%	0.011%
160	7.882	7.855	7.889	VV	1696	27597	0.37%	0.009%
161	7.906	7.889	7.924	VV	2294	40115	0.54%	0.013%
162	7.939	7.924	7.958	VV	2089	37598	0.50%	0.012%
163	7.975	7.958	8.006	VV	3375	58117	0.78%	0.019%
164	8.012	8.006	8.034	VV	1184	16396	0.22%	0.005%
165	8.045	8.034	8.061	VV	1156	17074	0.23%	0.006%
166	8.090	8.061	8.104	VV	3777	62855	0.84%	0.021%
167	8.116	8.104	8.149	VV	3301	57155	0.76%	0.019%
168	8.152	8.149	8.166	VV	1211	10459	0.14%	0.003%
169	8.186	8.166	8.207	VV	1499	26769	0.36%	0.009%
170	8.213	8.207	8.233	VV	905	9141	0.12%	0.003%
171	8.238	8.233	8.249	VV	399	2865	0.04%	0.001%
172	8.375	8.362	8.399	VV	7599	143330	1.91%	0.047%
173	8.407	8.399	8.438	VV	4999	91906	1.23%	0.030%
174	8.449	8.438	8.464	VV	3038	43901	0.59%	0.014%
175	8.474	8.464	8.491	VV	2942	42647	0.57%	0.014%
176	8.506	8.491	8.537	VV	3830	64334	0.86%	0.021%
177	8.539	8.537	8.543	VV	1432	5289	0.07%	0.002%
178	8.559	8.543	8.566	VV	1596	20095	0.27%	0.007%
179	8.572	8.566	8.598	VV	1757	24113	0.32%	0.008%
180	8.626	8.598	8.637	VV	1507	31016	0.41%	0.010%
181	8.651	8.637	8.664	VV	1546	22564	0.30%	0.007%
182	8.697	8.664	8.703	VV	1911	38618	0.52%	0.013%
183	8.709	8.703	8.744	VV	1950	41846	0.56%	0.014%
184	8.749	8.744	8.767	VV	1551	19490	0.26%	0.006%
185	8.792	8.767	8.818	VV	6514	97199	1.30%	0.032%
186	8.829	8.818	8.856	VV	1873	34212	0.46%	0.011%
187	8.871	8.856	8.895	VV	1275	24205	0.32%	0.008%
188	8.915	8.895	8.924	VV	837	10925	0.15%	0.004%
189	8.939	8.924	8.966	VV	1687	25220	0.34%	0.008%
190	8.984	8.966	8.999	VV	1214	18768	0.25%	0.006%
191	9.010	8.999	9.047	VV	1036	24632	0.33%	0.008%
192	9.075	9.047	9.103	VV	1665	38690	0.52%	0.013%
193	9.119	9.103	9.144	VV	1199	22578	0.30%	0.007%
194	9.177	9.144	9.196	VV	2938	70818	0.95%	0.023%

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195	9.205	9.196	9.216	VV	1950	21896	0.29%	0.007%
196	9.238	9.216	9.269	VV	2766	63525	0.85%	0.021%
197	9.293	9.269	9.309	VV	1850	33889	0.45%	0.011%
198	9.322	9.309	9.327	VV	1539	15468	0.21%	0.005%
199	9.342	9.327	9.376	VV	1797	39125	0.52%	0.013%
200	9.386	9.376	9.414	VV	1180	20596	0.27%	0.007%
201	9.418	9.414	9.424	VV	704	3517	0.05%	0.001%
202	9.429	9.424	9.434	VV	673	3989	0.05%	0.001%
203	9.446	9.434	9.455	VV	747	8207	0.11%	0.003%
204	9.488	9.455	9.494	VV	1251	20771	0.28%	0.007%
205	9.517	9.494	9.542	VV	2060	42615	0.57%	0.014%
206	9.566	9.542	9.610	VV	9262	135231	1.80%	0.044%
207	9.622	9.610	9.635	VV	908	11908	0.16%	0.004%
208	9.642	9.635	9.655	VV	916	9456	0.13%	0.003%
209	9.662	9.655	9.678	VV	893	10160	0.14%	0.003%
210	9.684	9.678	9.709	VV	622	7579	0.10%	0.002%
211	9.732	9.709	9.771	VV	1106	21729	0.29%	0.007%
212	9.776	9.771	9.781	VV	382	2524	0.03%	0.001%
213	9.785	9.781	9.790	VV	521	2497	0.03%	0.001%
214	9.797	9.790	9.807	VV	577	3517	0.05%	0.001%
215	9.814	9.807	9.819	VV	188	746	0.01%	0.000%
216	9.830	9.819	9.855	PV	415	5638	0.08%	0.002%
217	9.869	9.855	9.873	VV	401	2656	0.04%	0.001%
218	9.909	9.873	9.920	VV	1421	24260	0.32%	0.008%
219	9.950	9.920	9.974	VV	4682	78805	1.05%	0.026%
220	10.003	9.974	10.016	VV	1796	28844	0.38%	0.009%
221	10.041	10.016	10.061	VV	2094	42050	0.56%	0.014%
222	10.067	10.061	10.072	VV	1116	7230	0.10%	0.002%
223	10.093	10.072	10.120	VV	2567	42483	0.57%	0.014%
224	10.154	10.120	10.173	VV	1591	29895	0.40%	0.010%
225	10.196	10.173	10.217	VV	1481	33469	0.45%	0.011%
226	10.227	10.217	10.252	VV	1355	21812	0.29%	0.007%
227	10.301	10.252	10.345	VV	11077	188107	2.51%	0.061%
228	10.372	10.345	10.403	VV	8064	140071	1.87%	0.046%
229	10.408	10.403	10.462	VV	1709	35450	0.47%	0.012%
230	10.486	10.462	10.491	VV	748	10066	0.13%	0.003%
231	10.515	10.491	10.527	VV	1018	17094	0.23%	0.006%
232	10.531	10.527	10.536	VV	1059	5435	0.07%	0.002%
233	10.557	10.536	10.627	VV	23779	445428	5.95%	0.146%
234	10.646	10.627	10.733	VV	6913	225173	3.01%	0.074%
235	10.756	10.733	10.785	VV	1821	37676	0.50%	0.012%
236	10.802	10.785	10.827	VV	1141	17543	0.23%	0.006%
237	10.836	10.827	10.845	VV	394	2758	0.04%	0.001%
238	10.869	10.845	10.889	PV	823	14736	0.20%	0.005%
239	10.918	10.889	10.929	VV	1168	18745	0.25%	0.006%
240	10.950	10.929	10.968	VV	1942	33284	0.44%	0.011%
241	11.001	10.968	11.029	VV	10839	152279	2.03%	0.050%
242	11.039	11.029	11.060	VV	1249	15965	0.21%	0.005%
243	11.089	11.060	11.129	VV	6982	115152	1.54%	0.038%
244	11.152	11.129	11.174	VV	1048	15563	0.21%	0.005%
245	11.199	11.174	11.213	VV	819	12101	0.16%	0.004%
246	11.234	11.213	11.252	VV	880	14901	0.20%	0.005%

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247	11.307	11.252	11.343	VV	306067	3390591	45.26%	1.108%
248	11.360	11.343	11.377	VV	6262	94471	1.26%	0.031%
249	11.394	11.377	11.422	VV	6843	118115	1.58%	0.039%
250	11.430	11.422	11.444	VV	2263	26316	0.35%	0.009%
251	11.469	11.444	11.493	VV	10607	179558	2.40%	0.059%
252	11.505	11.493	11.523	VV	5364	78367	1.05%	0.026%
253	11.541	11.523	11.585	VV	5003	107191	1.43%	0.035%
254	11.592	11.585	11.619	VV	1223	17982	0.24%	0.006%
255	11.667	11.619	11.707	VV	10688	176397	2.35%	0.058%
256	11.723	11.707	11.742	VV	2067	30415	0.41%	0.010%
257	11.760	11.742	11.785	VV	1699	33901	0.45%	0.011%
258	11.791	11.785	11.806	VV	1129	12488	0.17%	0.004%
259	11.808	11.806	11.820	VV	904	6603	0.09%	0.002%
260	11.851	11.820	11.877	VV	2875	65702	0.88%	0.021%
261	11.895	11.877	11.929	VV	2277	49565	0.66%	0.016%
262	11.940	11.929	11.946	VV	1239	10488	0.14%	0.003%
263	11.956	11.946	11.991	VV	1228	23866	0.32%	0.008%
264	12.030	11.991	12.066	PV	2231	66961	0.89%	0.022%
265	12.084	12.066	12.099	VV	1791	29364	0.39%	0.010%
266	12.104	12.099	12.119	VV	1380	14912	0.20%	0.005%
267	12.147	12.119	12.164	VV	2854	54489	0.73%	0.018%
268	12.168	12.164	12.202	VV	1802	21706	0.29%	0.007%
269	12.248	12.202	12.269	VV	10046	174922	2.33%	0.057%
270	12.306	12.269	12.341	VV	13711	261355	3.49%	0.085%
271	12.363	12.341	12.453	VV	92833	1346828	17.98%	0.440%
272	12.488	12.453	12.508	VV	1646	32037	0.43%	0.010%
273	12.525	12.508	12.543	VV	2200	30621	0.41%	0.010%
274	12.560	12.543	12.575	VV	3748	53805	0.72%	0.018%
275	12.579	12.575	12.613	VV	2597	45254	0.60%	0.015%
276	12.621	12.613	12.635	VV	1609	15591	0.21%	0.005%
277	12.658	12.635	12.706	VV	92021	1208186	16.13%	0.395%
278	12.748	12.706	12.782	VV	232181	2922122	39.00%	0.955%
279	12.790	12.782	12.829	VV	6922	108359	1.45%	0.035%
280	12.857	12.829	12.888	VV	2738	65812	0.88%	0.022%
281	12.915	12.888	12.939	PV	9521	141578	1.89%	0.046%
282	12.955	12.939	12.969	VV	4697	70573	0.94%	0.023%
283	12.974	12.969	12.980	VV	3076	19203	0.26%	0.006%
284	12.995	12.980	13.035	VV	3835	73958	0.99%	0.024%
285	13.054	13.035	13.063	PV	2559	23663	0.32%	0.008%
286	13.079	13.063	13.101	VV	2572	42417	0.57%	0.014%
287	13.129	13.101	13.185	VV	5724	149579	2.00%	0.049%
288	13.189	13.185	13.211	VV	1034	9103	0.12%	0.003%
289	13.263	13.211	13.306	VV	12430	314384	4.20%	0.103%
290	13.311	13.306	13.336	VV	2724	36183	0.48%	0.012%
291	13.342	13.336	13.346	VV	1696	8635	0.12%	0.003%
292	13.368	13.346	13.387	VV	8667	123112	1.64%	0.040%
293	13.405	13.387	13.426	VV	9161	150649	2.01%	0.049%
294	13.430	13.426	13.462	VV	6116	87554	1.17%	0.029%
295	13.499	13.462	13.516	VV	12362	218026	2.91%	0.071%
296	13.529	13.516	13.558	VV	10290	159951	2.13%	0.052%
297	13.576	13.558	13.619	VV	5626	130526	1.74%	0.043%
298	13.633	13.619	13.674	VV	2378	50079	0.67%	0.016%
299	13.700	13.674	13.706	VV	2581	30993	0.41%	0.010%

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300	13.728	13.706	13.761	VV	3427	83525	1.11%	0.027%
301	13.787	13.761	13.814	VV	2719	52192	0.70%	0.017%
302	13.833	13.814	13.839	PV	2093	15822	0.21%	0.005%
303	13.850	13.839	13.856	VV	2530	22019	0.29%	0.007%
304	13.859	13.856	13.877	VV	2604	25083	0.33%	0.008%
305	13.890	13.877	13.904	VV	3149	41796	0.56%	0.014%
306	13.915	13.904	13.922	VV	2351	21682	0.29%	0.007%
307	13.926	13.922	13.936	VV	2536	18321	0.24%	0.006%
308	13.950	13.936	13.955	VV	3370	29598	0.40%	0.010%
309	13.984	13.955	14.021	VV	8301	165194	2.20%	0.054%
310	14.058	14.021	14.082	VV	10519	184880	2.47%	0.060%
311	14.095	14.082	14.123	VV	6611	103133	1.38%	0.034%
312	14.126	14.123	14.140	VV	2782	20199	0.27%	0.007%
313	14.150	14.140	14.154	VV	1962	13466	0.18%	0.004%
314	14.180	14.154	14.204	VV	7891	146098	1.95%	0.048%
315	14.230	14.204	14.273	VV	12830	242401	3.24%	0.079%
316	14.299	14.273	14.322	VV	5787	97426	1.30%	0.032%
317	14.344	14.322	14.375	VV	4539	83473	1.11%	0.027%
318	14.388	14.375	14.409	VV	2419	39454	0.53%	0.013%
319	14.412	14.409	14.419	VV	2038	9618	0.13%	0.003%
320	14.434	14.419	14.438	VV	3440	26250	0.35%	0.009%
321	14.441	14.438	14.474	VV	3221	39954	0.53%	0.013%
322	14.518	14.474	14.522	VV	5467	65977	0.88%	0.022%
323	14.543	14.522	14.565	VV	56613	710503	9.48%	0.232%
324	14.586	14.565	14.653	VV	46830	900176	12.02%	0.294%
325	14.670	14.653	14.684	VV	6042	79913	1.07%	0.026%
326	14.703	14.684	14.732	VV	13272	213946	2.86%	0.070%
327	14.757	14.732	14.775	VV	6094	111673	1.49%	0.037%
328	14.784	14.775	14.811	VV	3467	46777	0.62%	0.015%
329	14.867	14.811	14.879	VV	4048	104295	1.39%	0.034%
330	14.896	14.879	14.947	VV	7029	168397	2.25%	0.055%
331	14.952	14.947	14.961	VV	1817	12741	0.17%	0.004%
332	14.976	14.961	14.982	VV	3790	30903	0.41%	0.010%
333	15.012	14.982	15.049	VV	8696	239375	3.20%	0.078%
334	15.051	15.049	15.079	VV	4410	44203	0.59%	0.014%
335	15.119	15.079	15.150	VV	10483	227201	3.03%	0.074%
336	15.178	15.150	15.186	VV	4823	80990	1.08%	0.026%
337	15.191	15.186	15.199	VV	3736	25493	0.34%	0.008%
338	15.224	15.199	15.250	VV	18399	312738	4.17%	0.102%
339	15.262	15.250	15.284	VV	7563	110516	1.48%	0.036%
340	15.291	15.284	15.297	VV	4647	33073	0.44%	0.011%
341	15.317	15.297	15.341	VV	7376	148294	1.98%	0.048%
342	15.362	15.341	15.401	VV	11512	313738	4.19%	0.103%
343	15.426	15.401	15.434	VV	8508	140682	1.88%	0.046%
344	15.437	15.434	15.448	VV	8024	61628	0.82%	0.020%
345	15.452	15.448	15.474	VV	7484	93083	1.24%	0.030%
346	15.486	15.474	15.490	VV	5679	46235	0.62%	0.015%
347	15.506	15.490	15.530	VV	8423	152915	2.04%	0.050%
348	15.547	15.530	15.563	VV	9111	145759	1.95%	0.048%
349	15.569	15.563	15.583	VV	8543	92219	1.23%	0.030%
350	15.588	15.583	15.594	VV	7521	42790	0.57%	0.014%
351	15.618	15.594	15.654	VV	18755	424993	5.67%	0.139%

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352	15.671	15.654	15.700	VV	12146	281664	3.76%	0.092%
353	15.710	15.700	15.714	VV	8177	64359	0.86%	0.021%
354	15.725	15.714	15.734	VV	9103	106028	1.42%	0.035%
355	15.739	15.734	15.745	VV	9734	56510	0.75%	0.018%
356	15.750	15.745	15.757	VV	9027	56582	0.76%	0.018%
357	15.784	15.757	15.843	VV	15885	609932	8.14%	0.199%
358	15.869	15.843	15.883	VV	16111	317956	4.24%	0.104%
359	15.888	15.883	15.892	VV	15890	81482	1.09%	0.027%
360	15.913	15.892	15.917	VV	19601	258317	3.45%	0.084%
361	15.921	15.917	15.942	VV	20282	256573	3.42%	0.084%
362	15.950	15.942	15.956	VV	15469	122071	1.63%	0.040%
363	15.967	15.956	15.971	VV	16192	137635	1.84%	0.045%
364	15.982	15.971	15.986	VV	15681	135125	1.80%	0.044%
365	16.011	15.986	16.018	VV	18173	308920	4.12%	0.101%
366	16.026	16.018	16.038	VV	19010	218879	2.92%	0.072%
367	16.043	16.038	16.057	VV	17178	183710	2.45%	0.060%
368	16.105	16.057	16.126	VV	91389	1746512	23.31%	0.571%
369	16.137	16.126	16.183	VV	39364	1024764	13.68%	0.335%
370	16.192	16.183	16.198	VV	22963	187229	2.50%	0.061%
371	16.205	16.198	16.211	VV	24822	188052	2.51%	0.061%
372	16.244	16.211	16.270	VV	35253	994333	13.27%	0.325%
373	16.283	16.270	16.309	VV	28681	613845	8.19%	0.201%
374	16.316	16.309	16.335	VV	24309	364464	4.86%	0.119%
375	16.347	16.335	16.354	VV	25238	275614	3.68%	0.090%
376	16.358	16.354	16.364	VV	25207	148522	1.98%	0.049%
377	16.396	16.364	16.404	VV	31100	657564	8.78%	0.215%
378	16.428	16.404	16.465	VV	62044	1431029	19.10%	0.468%
379	16.494	16.465	16.523	VV	74740	1541608	20.58%	0.504%
380	16.533	16.523	16.544	VV	36353	442000	5.90%	0.144%
381	16.565	16.544	16.584	VV	56142	1041960	13.91%	0.341%
382	16.603	16.584	16.626	VV	51551	1021962	13.64%	0.334%
383	16.637	16.626	16.643	VV	36124	339590	4.53%	0.111%
384	16.646	16.643	16.655	VV	33820	246041	3.28%	0.080%
385	16.659	16.655	16.665	VV	32062	176200	2.35%	0.058%
386	16.669	16.665	16.682	VV	32098	317159	4.23%	0.104%
387	16.720	16.682	16.723	VV	39633	849873	11.34%	0.278%
388	16.731	16.723	16.755	VV	43410	765214	10.21%	0.250%
389	16.781	16.755	16.804	VV	42648	1159805	15.48%	0.379%
390	16.807	16.804	16.816	VV	35718	267760	3.57%	0.088%
391	16.827	16.816	16.832	VV	39034	355678	4.75%	0.116%
392	16.862	16.832	16.883	VV	49398	1336140	17.83%	0.437%
393	16.894	16.883	16.909	VV	44710	660670	8.82%	0.216%
394	16.911	16.909	16.917	VV	43081	210202	2.81%	0.069%
395	16.943	16.917	16.967	VV	50964	1362001	18.18%	0.445%
396	16.972	16.967	16.985	VV	43382	448190	5.98%	0.147%
397	17.022	16.985	17.049	VV	60703	1876674	25.05%	0.613%
398	17.063	17.049	17.084	VV	48981	928270	12.39%	0.303%
399	17.103	17.084	17.137	VV	54797	1557302	20.79%	0.509%
400	17.175	17.137	17.228	VV	58022	2661584	35.53%	0.870%
401	17.241	17.228	17.245	VV	44816	455428	6.08%	0.149%
402	17.267	17.245	17.282	VV	50479	1057432	14.11%	0.346%
403	17.293	17.282	17.299	VV	50535	511410	6.83%	0.167%
404	17.305	17.299	17.312	VV	48177	364230	4.86%	0.119%

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405	17.338	17.312	17.352	VV	56775	1289894	17.22%	0.422%
406	17.357	17.352	17.369	VV	56109	526887	7.03%	0.172%
407	17.371	17.369	17.384	VV	56469	486149	6.49%	0.159%
408	17.403	17.384	17.419	VV	63648	1240314	16.56%	0.405%
409	17.447	17.419	17.501	VV	65861	2927090	39.07%	0.957%
410	17.514	17.501	17.518	VV	51399	506571	6.76%	0.166%
411	17.569	17.518	17.614	VV	90476	3798408	50.70%	1.242%
412	17.621	17.614	17.649	VV	61316	1232372	16.45%	0.403%
413	17.661	17.649	17.668	VV	58069	619281	8.27%	0.202%
414	17.672	17.668	17.675	VV	57699	239278	3.19%	0.078%
415	17.680	17.675	17.689	VV	57990	493566	6.59%	0.161%
416	17.703	17.689	17.707	VV	58462	585389	7.81%	0.191%
417	17.716	17.707	17.720	VV	62153	471966	6.30%	0.154%
418	17.725	17.720	17.734	VV	63165	514087	6.86%	0.168%
419	17.739	17.734	17.744	VV	59803	338379	4.52%	0.111%
420	17.783	17.744	17.796	VV	74350	2109470	28.16%	0.690%
421	17.800	17.796	17.815	VV	69484	763911	10.20%	0.250%
422	17.822	17.815	17.857	VV	67189	1570959	20.97%	0.514%
423	17.882	17.857	17.906	VV	102797	2490387	33.24%	0.814%
424	17.935	17.906	17.959	VV	98697	2675622	35.71%	0.875%
425	17.972	17.959	17.988	VV	74818	1187689	15.85%	0.388%
426	18.011	17.988	18.015	VV	77718	1154709	15.41%	0.377%
427	18.019	18.015	18.035	VV	78494	851926	11.37%	0.278%
428	18.051	18.035	18.055	VV	74568	847840	11.32%	0.277%
429	18.059	18.055	18.074	VV	73126	800198	10.68%	0.262%
430	18.092	18.074	18.105	VV	73203	1276344	17.04%	0.417%
431	18.135	18.105	18.163	VV	97457	2708318	36.15%	0.885%
432	18.167	18.163	18.177	VV	71345	618825	8.26%	0.202%
433	18.181	18.177	18.205	VV	71579	1152439	15.38%	0.377%
434	18.213	18.205	18.223	VV	69828	703281	9.39%	0.230%
435	18.252	18.223	18.264	VV	78724	1819152	24.28%	0.595%
436	18.285	18.264	18.313	VV	93725	2362858	31.54%	0.772%
437	18.318	18.313	18.324	VV	73194	462662	6.18%	0.151%
438	18.329	18.324	18.334	VV	75013	462000	6.17%	0.151%
439	18.360	18.334	18.383	VV	96967	2379629	31.76%	0.778%
440	18.406	18.383	18.428	VV	95629	2270634	30.31%	0.742%
441	18.433	18.428	18.464	VV	80959	1648228	22.00%	0.539%
442	18.488	18.464	18.497	VV	82820	1579864	21.09%	0.516%
443	18.502	18.497	18.512	VV	80650	696314	9.29%	0.228%
444	18.540	18.512	18.552	VV	88113	2001331	26.71%	0.654%
445	18.558	18.552	18.568	VV	86353	831201	11.09%	0.272%
446	18.579	18.568	18.588	VV	87775	1005586	13.42%	0.329%
447	18.593	18.588	18.608	VV	85918	1010869	13.49%	0.330%
448	18.618	18.608	18.624	VV	89131	861146	11.49%	0.281%
449	18.627	18.624	18.637	VV	89095	631524	8.43%	0.206%
450	18.687	18.637	18.720	VV	112492	4748875	63.39%	1.552%
451	18.734	18.720	18.739	VV	86597	931437	12.43%	0.304%
452	18.755	18.739	18.774	VV	98300	1987072	26.52%	0.650%
453	18.780	18.774	18.789	VV	90181	756410	10.10%	0.247%
454	18.808	18.789	18.819	VV	91776	1579751	21.09%	0.516%
455	18.825	18.819	18.833	VV	93015	803641	10.73%	0.263%
456	18.840	18.833	18.845	VV	93594	651925	8.70%	0.213%

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457	18.856	18.845	18.865	VV	94472	1099475	14.68%	0.359%
458	18.872	18.865	18.878	VV	95809	723448	9.66%	0.236%
459	18.883	18.878	18.898	VV	94537	1051140	14.03%	0.344%
460	18.916	18.898	18.919	VV	93636	1164295	15.54%	0.381%
461	18.931	18.919	18.936	VV	94927	937581	12.51%	0.306%
462	18.947	18.936	18.952	VV	93078	848910	11.33%	0.277%
463	18.957	18.952	18.962	VV	90309	538777	7.19%	0.176%
464	18.986	18.962	19.005	VV	95483	2382066	31.79%	0.779%
465	19.012	19.005	19.021	VV	93277	880391	11.75%	0.288%
466	19.024	19.021	19.030	VV	95589	482217	6.44%	0.158%
467	19.035	19.030	19.040	VV	96317	594502	7.94%	0.194%
468	19.068	19.040	19.103	VV	124536	3979258	53.11%	1.301%
469	19.107	19.103	19.129	VV	101633	1537084	20.52%	0.502%
470	19.168	19.129	19.205	VV	110780	4675793	62.41%	1.528%
471	19.211	19.205	19.218	VV	102624	768360	10.26%	0.251%
472	19.225	19.218	19.234	VV	103280	961710	12.84%	0.314%
473	19.242	19.234	19.259	VV	106525	1561113	20.84%	0.510%
474	19.267	19.259	19.275	VV	104842	1016206	13.56%	0.332%
475	19.304	19.275	19.320	VV	114033	2948984	39.36%	0.964%
476	19.323	19.320	19.331	VV	110252	735842	9.82%	0.241%
477	19.337	19.331	19.355	VV	108331	1519356	20.28%	0.497%
478	19.380	19.355	19.409	VV	120986	3645730	48.66%	1.192%
479	19.421	19.409	19.425	VV	113219	1009711	13.48%	0.330%
480	19.447	19.425	19.459	VV	130452	2553485	34.08%	0.835%
481	19.462	19.459	19.474	VV	123725	1030668	13.76%	0.337%
482	19.479	19.474	19.507	VV	123055	2320167	30.97%	0.758%
483	19.513	19.507	19.526	VV	112532	1276194	17.03%	0.417%
484	19.560	19.526	19.567	VV	117524	2732609	36.47%	0.893%
485	19.572	19.567	19.585	VV	120502	1277134	17.05%	0.417%
486	19.588	19.585	19.622	VV	119127	2495813	33.31%	0.816%
487	19.637	19.622	19.652	VV	114324	1995051	26.63%	0.652%
488	19.690	19.652	19.696	VV	140991	3291576	43.93%	1.076%
489	19.701	19.696	19.719	VV	139913	1834652	24.49%	0.600%
490	19.730	19.719	19.735	VV	129462	1194520	15.94%	0.390%
491	19.755	19.735	19.773	VV	129741	2858025	38.15%	0.934%
492	19.807	19.773	19.815	VV	146626	3420970	45.66%	1.118%
493	19.819	19.815	19.826	VV	140413	909012	12.13%	0.297%
494	19.844	19.826	19.858	VV	143021	2695453	35.98%	0.881%
495	19.862	19.858	19.880	VV	141175	1815630	24.23%	0.593%
496	19.883	19.880	19.895	VV	135617	1143210	15.26%	0.374%
497	19.915	19.895	19.931	VV	143616	2978035	39.75%	0.973%
498	19.946	19.931	19.960	VV	133846	2262860	30.20%	0.740%
499	19.985	19.960	19.990	VV	142225	2427176	32.40%	0.793%
500	19.996	19.990	20.009	VV	144090	1542388	20.59%	0.504%
501	20.029	20.009	20.044	VV	141825	2933958	39.16%	0.959%
502	20.053	20.044	20.066	VV	139605	1782329	23.79%	0.583%
503	20.075	20.066	20.087	VV	141729	1732060	23.12%	0.566%
504	20.109	20.087	20.118	VV	143356	2604638	34.77%	0.851%
505	20.172	20.118	20.201	VV	161638	7492046	100.00%	2.449%
506	20.207	20.201	20.227	VV	145936	2211671	29.52%	0.723%
507	20.246	20.227	20.256	VV	154393	2586042	34.52%	0.845%
508	20.269	20.256	20.282	VV	154900	2340203	31.24%	0.765%
509	20.290	20.282	20.304	VV	152787	2032942	27.13%	0.665%

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510	20.314	20.304	20.321	VV	151810	1420644	18.96%	0.464%
511	20.351	20.321	20.357	VV	157927	3250859	43.39%	1.063%
512	20.362	20.357	20.366	VV	154113	799743	10.67%	0.261%
513	20.373	20.366	20.392	VV	154644	2386290	31.85%	0.780%
514	20.403	20.392	20.431	VV	154735	3389092	45.24%	1.108%
515	20.445	20.431	20.453	VV	147688	1915338	25.56%	0.626%
516	20.460	20.453	20.473	VV	147114	1707514	22.79%	0.558%
517	20.504	20.473	20.524	VV	153793	4513841	60.25%	1.475%
518	20.534	20.524	20.557	VV	149810	2822730	37.68%	0.923%
519	20.571	20.557	20.600	VV	142719	3540581	47.26%	1.157%
520	20.606	20.600	20.610	VV	136088	818470	10.92%	0.268%
521	20.616	20.610	20.625	VV	136321	1194538	15.94%	0.390%
522	20.636	20.625	20.645	VV	131683	1520381	20.29%	0.497%
523	20.649	20.645	20.659	VV	126937	1030477	13.75%	0.337%
524	20.666	20.659	20.682	VV	125526	1704290	22.75%	0.557%
525	20.707	20.682	20.712	VV	124748	2181948	29.12%	0.713%
526	20.715	20.712	20.739	VV	124822	1940624	25.90%	0.634%
527	20.746	20.739	20.756	VV	122706	1248056	16.66%	0.408%
528	20.765	20.756	20.770	VV	123801	1073992	14.34%	0.351%
529	20.789	20.770	20.799	VV	127073	2152282	28.73%	0.704%
530	20.810	20.799	20.837	VV	126487	2800569	37.38%	0.915%
531	20.850	20.837	20.856	VV	126966	1373248	18.33%	0.449%
532	20.861	20.856	20.874	VV	122729	1297231	17.31%	0.424%
533	20.882	20.874	20.889	VV	127595	1130664	15.09%	0.370%
534	20.891	20.889	20.931	VV	129701	2956902	39.47%	0.967%
535	20.935	20.931	20.951	VV	111664	1331218	17.77%	0.435%
536	20.956	20.951	20.963	VV	107336	760259	10.15%	0.249%
537	20.970	20.963	20.990	VV	106600	1668302	22.27%	0.545%
538	20.993	20.990	21.003	VV	101996	751493	10.03%	0.246%
539	21.020	21.003	21.027	VV	103829	1476674	19.71%	0.483%
540	21.031	21.027	21.035	VV	101917	512091	6.84%	0.167%
541	21.049	21.035	21.054	VV	103646	1107778	14.79%	0.362%
542	21.060	21.054	21.068	VV	105551	852794	11.38%	0.279%
543	21.078	21.068	21.092	VV	108813	1526934	20.38%	0.499%
544	21.095	21.092	21.105	VV	106825	832197	11.11%	0.272%
545	21.118	21.105	21.128	VV	105833	1376151	18.37%	0.450%
546	21.136	21.128	21.156	VV	104653	1702613	22.73%	0.557%
547	21.158	21.156	21.174	VV	98180	1053017	14.06%	0.344%
548	21.183	21.174	21.190	VV	97624	910485	12.15%	0.298%
549	21.197	21.190	21.214	VV	98608	1365261	18.22%	0.446%
550	21.219	21.214	21.227	VV	98508	702597	9.38%	0.230%
551	21.234	21.227	21.247	VV	94483	1123810	15.00%	0.367%
552	21.259	21.247	21.274	VV	94447	1490275	19.89%	0.487%
553	21.281	21.274	21.300	VV	93210	1378512	18.40%	0.451%
554	21.311	21.300	21.363	VV	95513	3168720	42.29%	1.036%
555	21.369	21.363	21.394	VV	75758	1318266	17.60%	0.431%

Sum of corrected areas: 305922788

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