

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071018AL\
 Data File : FE028190.D
 Signal(s) : FID1B.CH
 Acq On : 11 Jul 2018 7:21
 Sample : J3827-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 062918.M
 Title : GC Extractables

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.649	3.633	3.663	PH	3338	25540	0.14%	0.003%
2	3.677	3.663	3.692	PV	1858	14894	0.08%	0.002%
3	3.786	3.770	3.798	VV	1141	11004	0.06%	0.001%
4	3.852	3.836	3.866	VV	1146	13510	0.07%	0.002%
5	3.931	3.909	3.951	VV	2213	32019	0.17%	0.004%
6	3.974	3.951	3.996	VV	1080	22124	0.12%	0.003%
7	4.020	3.996	4.035	VV	2238	26510	0.14%	0.003%
8	4.044	4.035	4.056	VV	1024	11279	0.06%	0.001%
9	4.062	4.056	4.078	VV	1241	12763	0.07%	0.001%
10	4.095	4.078	4.111	VV	1818	20764	0.11%	0.002%
11	4.152	4.137	4.186	VV	1600	23877	0.13%	0.003%
12	4.203	4.186	4.223	VV	1799	22859	0.12%	0.003%
13	4.246	4.223	4.268	VV	2413	41740	0.22%	0.005%
14	4.274	4.268	4.289	VV	1129	12339	0.07%	0.001%
15	4.309	4.289	4.377	VV	13468	164694	0.88%	0.019%
16	4.391	4.377	4.400	VV	1329	14501	0.08%	0.002%
17	4.416	4.400	4.438	VV	1454	23785	0.13%	0.003%
18	4.491	4.438	4.500	VV	2612	45730	0.24%	0.005%
19	4.507	4.500	4.521	VV	2175	22405	0.12%	0.003%
20	4.526	4.521	4.540	VV	1407	13938	0.07%	0.002%
21	4.569	4.558	4.582	VV	1202	12196	0.06%	0.001%
22	4.640	4.611	4.660	PV	1172	18819	0.10%	0.002%
23	4.680	4.660	4.693	VV	913	13510	0.07%	0.002%
24	4.714	4.693	4.734	VV	2286	29638	0.16%	0.003%
25	4.794	4.780	4.808	VV	1719	19295	0.10%	0.002%
26	4.826	4.808	4.849	VV	1187	20253	0.11%	0.002%
27	4.881	4.849	4.895	VV	1421	26497	0.14%	0.003%
28	4.925	4.895	4.933	VV	1835	26945	0.14%	0.003%
29	4.944	4.933	4.959	VV	2488	29141	0.16%	0.003%
30	4.968	4.959	4.987	VV	2118	24206	0.13%	0.003%
31	5.005	4.987	5.016	VV	1468	18471	0.10%	0.002%
32	5.021	5.016	5.041	VV	1085	11237	0.06%	0.001%
33	5.054	5.041	5.065	VV	1466	14355	0.08%	0.002%
34	5.073	5.065	5.083	VV	1264	10512	0.06%	0.001%
35	5.104	5.083	5.117	VV	1593	21475	0.11%	0.002%
36	5.137	5.117	5.160	VV	2224	32004	0.17%	0.004%

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37	5.177	5.160	5.187	VV	1027	11558	0.06%	0.001%	
38	5.207	5.187	5.226	VV	2024	23731	0.13%	0.003%	
39	5.272	5.261	5.289	VV	844	10815	0.06%	0.001%	
40	5.321	5.289	5.333	VV	1035	18172	0.10%	0.002%	
41	5.350	5.333	5.374	VV	3421	39824	0.21%	0.005%	
42	5.407	5.389	5.432	VV	1914	27534	0.15%	0.003%	
43	5.449	5.432	5.485	VV	1896	35160	0.19%	0.004%	
44	5.533	5.516	5.552	PV	809	11682	0.06%	0.001%	
45	5.574	5.552	5.597	VV	2266	30089	0.16%	0.003%	
46	5.638	5.620	5.659	VV	1235	23861	0.13%	0.003%	
47	5.667	5.659	5.700	VV	1133	16826	0.09%	0.002%	
48	5.714	5.700	5.738	VV	902	11208	0.06%	0.001%	
49	5.755	5.738	5.782	PV	2649	37078	0.20%	0.004%	
50	5.799	5.782	5.816	VV	4246	41765	0.22%	0.005%	
51	5.838	5.816	5.845	VV	1333	15638	0.08%	0.002%	
52	5.853	5.845	5.869	VV	1386	16125	0.09%	0.002%	
53	5.902	5.888	5.911	VV	944	11482	0.06%	0.001%	
54	5.959	5.928	5.988	VV	3097	46493	0.25%	0.005%	
55	6.001	5.988	6.019	VV	932	11073	0.06%	0.001%	
56	6.038	6.019	6.048	VV	2144	22927	0.12%	0.003%	
57	6.062	6.048	6.089	VV	2073	35485	0.19%	0.004%	
58	6.106	6.089	6.121	VV	1529	18519	0.10%	0.002%	
59	6.170	6.142	6.199	VV	1321	25208	0.13%	0.003%	
60	6.220	6.199	6.248	VV	1164	13342	0.07%	0.002%	
61	6.277	6.248	6.289	PV	1581	27772	0.15%	0.003%	
62	6.300	6.289	6.311	VV	1447	15918	0.08%	0.002%	
63	6.330	6.311	6.364	VV	10822	119691	0.64%	0.014%	
64	6.368	6.364	6.387	VV	1184	12842	0.07%	0.001%	
65	6.397	6.387	6.406	VV	1117	10626	0.06%	0.001%	
66	6.450	6.419	6.482	VV	2355	59549	0.32%	0.007%	
67	6.503	6.482	6.509	VV	1519	18230	0.10%	0.002%	
68	6.517	6.509	6.529	VV	1606	16341	0.09%	0.002%	
69	6.541	6.529	6.557	VV	1395	18356	0.10%	0.002%	
70	6.590	6.557	6.609	VV	2902	46420	0.25%	0.005%	
71	6.624	6.609	6.648	VV	1676	23973	0.13%	0.003%	
72	6.696	6.648	6.719	VV	1988	51952	0.28%	0.006%	
73	6.742	6.719	6.764	VV	3224	44552	0.24%	0.005%	
74	6.774	6.764	6.791	VV	1403	14973	0.08%	0.002%	
75	6.826	6.791	6.848	VV	1061	20499	0.11%	0.002%	
76	6.862	6.848	6.874	VV	1350	14810	0.08%	0.002%	
77	6.893	6.874	6.913	VV	2650	37169	0.20%	0.004%	
78	6.950	6.913	6.995	VV	3058	59602	0.32%	0.007%	
79	7.029	6.995	7.053	PV	2297	40041	0.21%	0.005%	
80	7.067	7.053	7.080	VV	1355	16909	0.09%	0.002%	
81	7.092	7.080	7.116	VV	1359	24921	0.13%	0.003%	
82	7.142	7.116	7.149	VV	1272	22792	0.12%	0.003%	
83	7.165	7.149	7.187	VV	4139	49032	0.26%	0.006%	
84	7.200	7.187	7.209	VV	1356	14473	0.08%	0.002%	
85	7.231	7.209	7.236	VV	1660	21443	0.11%	0.002%	
86	7.239	7.236	7.250	VV	1516	10718	0.06%	0.001%	
87	7.266	7.250	7.275	VV	3150	33882	0.18%	0.004%	
88	7.282	7.275	7.293	VV	2452	24085	0.13%	0.003%	
89	7.317	7.293	7.335	VV	2857	56711	0.30%	0.006%	

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90	7.345	7.335	7.358	VV	2172	25499	0.14%	0.003%
91	7.394	7.358	7.423	VV	21728	256706	1.37%	0.029%
92	7.450	7.423	7.462	VV	2771	44203	0.24%	0.005%
93	7.484	7.462	7.509	VV	3610	63666	0.34%	0.007%
94	7.531	7.509	7.559	VV	24160	250017	1.33%	0.028%
95	7.570	7.559	7.588	VV	2486	27765	0.15%	0.003%
96	7.611	7.588	7.630	VV	1468	25745	0.14%	0.003%
97	7.674	7.630	7.715	VV	7098	134084	0.71%	0.015%
98	7.732	7.715	7.747	VV	2484	33331	0.18%	0.004%
99	7.765	7.747	7.771	VV	1793	22860	0.12%	0.003%
100	7.778	7.771	7.808	VV	1933	29989	0.16%	0.003%
101	7.867	7.808	7.879	VV	3013	73404	0.39%	0.008%
102	7.888	7.879	7.903	VV	2541	28331	0.15%	0.003%
103	7.915	7.903	7.944	VV	1747	23779	0.13%	0.003%
104	8.015	7.944	8.057	PV	1043678	11675728	62.15%	1.320%
105	8.070	8.057	8.075	VV	2574	25469	0.14%	0.003%
106	8.086	8.075	8.107	VV	2665	45697	0.24%	0.005%
107	8.123	8.107	8.137	VV	7671	92161	0.49%	0.010%
108	8.145	8.137	8.172	VV	4378	64200	0.34%	0.007%
109	8.204	8.172	8.219	VV	2477	46268	0.25%	0.005%
110	8.244	8.219	8.263	VV	2183	46901	0.25%	0.005%
111	8.283	8.263	8.293	VV	5926	71517	0.38%	0.008%
112	8.303	8.293	8.319	VV	5608	72320	0.38%	0.008%
113	8.328	8.319	8.345	VV	3306	39295	0.21%	0.004%
114	8.379	8.345	8.389	VV	10697	145657	0.78%	0.016%
115	8.395	8.389	8.415	VV	8418	86173	0.46%	0.010%
116	8.423	8.415	8.433	VV	2923	29118	0.16%	0.003%
117	8.447	8.433	8.466	VV	3318	54881	0.29%	0.006%
118	8.501	8.466	8.516	VV	23454	265501	1.41%	0.030%
119	8.529	8.516	8.544	VV	14935	168695	0.90%	0.019%
120	8.554	8.544	8.576	VV	9238	106110	0.56%	0.012%
121	8.626	8.576	8.644	VV	86023	858687	4.57%	0.097%
122	8.666	8.644	8.676	VV	8346	128835	0.69%	0.015%
123	8.694	8.676	8.719	VV	10944	165578	0.88%	0.019%
124	8.738	8.719	8.759	VV	6079	86016	0.46%	0.010%
125	8.781	8.759	8.819	VV	7813	131798	0.70%	0.015%
126	8.839	8.819	8.862	VV	2127	42817	0.23%	0.005%
127	8.905	8.862	8.926	VV	668269	7669930	40.83%	0.867%
128	8.940	8.926	8.956	VV	4769	63143	0.34%	0.007%
129	8.989	8.956	9.009	VV	43844	449896	2.39%	0.051%
130	9.025	9.009	9.061	VV	6669	135337	0.72%	0.015%
131	9.093	9.061	9.121	VV	8549	162886	0.87%	0.018%
132	9.139	9.121	9.159	VV	3793	61889	0.33%	0.007%
133	9.179	9.159	9.196	VV	2965	45839	0.24%	0.005%
134	9.221	9.196	9.243	VV	8973	149062	0.79%	0.017%
135	9.261	9.243	9.282	VV	25168	260937	1.39%	0.030%
136	9.296	9.282	9.310	VV	4332	54862	0.29%	0.006%
137	9.318	9.310	9.324	VV	2745	23227	0.12%	0.003%
138	9.336	9.324	9.357	VV	3985	65473	0.35%	0.007%
139	9.377	9.357	9.385	VV	6907	85374	0.45%	0.010%
140	9.395	9.385	9.412	VV	7731	80202	0.43%	0.009%
141	9.437	9.412	9.454	VV	9270	111476	0.59%	0.013%

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142	9.465	9.454	9.484	VV	3107	36612	0.19%	0.004%	
143	9.496	9.484	9.508	VV	1662	18372	0.10%	0.002%	
144	9.554	9.518	9.572	VV	9557	122956	0.65%	0.014%	
145	9.587	9.572	9.626	VV	5997	72850	0.39%	0.008%	
146	9.643	9.626	9.654	VV	2331	26193	0.14%	0.003%	
147	9.672	9.654	9.676	VV	2733	27748	0.15%	0.003%	
148	9.691	9.676	9.710	VV	5944	75898	0.40%	0.009%	
149	9.742	9.710	9.746	VV	2796	43235	0.23%	0.005%	
150	9.779	9.746	9.817	VV	46385	560924	2.99%	0.063%	
151	9.859	9.817	9.881	VV	8122	159626	0.85%	0.018%	
152	9.898	9.881	9.909	VV	3139	39665	0.21%	0.004%	
153	9.929	9.909	9.967	VV	8352	163484	0.87%	0.018%	
154	9.991	9.967	10.011	VV	5461	89641	0.48%	0.010%	
155	10.015	10.011	10.030	VV	1930	16428	0.09%	0.002%	
156	10.046	10.030	10.066	VV	3255	38997	0.21%	0.004%	
157	10.099	10.066	10.121	VV	9778	143602	0.76%	0.016%	
158	10.126	10.121	10.136	VV	2826	24678	0.13%	0.003%	
159	10.161	10.136	10.183	VV	7871	126281	0.67%	0.014%	
160	10.201	10.183	10.219	VV	9279	115161	0.61%	0.013%	
161	10.229	10.219	10.251	VV	2702	34963	0.19%	0.004%	
162	10.267	10.251	10.278	VV	1842	22090	0.12%	0.002%	
163	10.292	10.278	10.314	VV	1827	29261	0.16%	0.003%	
164	10.359	10.329	10.391	VV	2696	52200	0.28%	0.006%	
165	10.451	10.417	10.464	PV	1403	15591	0.08%	0.002%	
166	10.523	10.496	10.535	VV	3924	52847	0.28%	0.006%	
167	10.554	10.535	10.589	VV	5573	99503	0.53%	0.011%	
168	10.602	10.589	10.616	VV	1916	23698	0.13%	0.003%	
169	10.632	10.616	10.645	VV	5933	71100	0.38%	0.008%	
170	10.665	10.645	10.687	VV	10071	143244	0.76%	0.016%	
171	10.708	10.687	10.735	VV	11769	138834	0.74%	0.016%	
172	10.757	10.735	10.765	VV	1529	16150	0.09%	0.002%	
173	10.788	10.765	10.819	VV	8357	156066	0.83%	0.018%	
174	10.845	10.819	10.877	VV	8327	162806	0.87%	0.018%	
175	10.905	10.877	10.933	VV	9842	158806	0.85%	0.018%	
176	10.956	10.933	10.964	VV	4443	57878	0.31%	0.007%	
177	10.998	10.964	11.036	VV	15365	317666	1.69%	0.036%	
178	11.063	11.036	11.078	VV	2638	43113	0.23%	0.005%	
179	11.090	11.078	11.107	VV	2256	23310	0.12%	0.003%	
180	11.127	11.107	11.142	VV	2054	27633	0.15%	0.003%	
181	11.165	11.142	11.176	VV	4775	59781	0.32%	0.007%	
182	11.200	11.176	11.220	VV	172884	1664426	8.86%	0.188%	
183	11.229	11.220	11.248	VV	6483	71252	0.38%	0.008%	
184	11.275	11.248	11.339	VV	48611	564298	3.00%	0.064%	
185	11.362	11.339	11.379	VV	2062	27389	0.15%	0.003%	
186	11.400	11.379	11.426	VV	2347	36367	0.19%	0.004%	
187	11.445	11.426	11.460	VV	2448	24105	0.13%	0.003%	
188	11.484	11.460	11.525	VV	9047	143253	0.76%	0.016%	
189	11.544	11.525	11.574	PV	4340	73788	0.39%	0.008%	
190	11.592	11.574	11.600	VV	5408	56701	0.30%	0.006%	
191	11.615	11.600	11.648	VV	9857	125394	0.67%	0.014%	
192	11.670	11.648	11.679	VV	3191	40535	0.22%	0.005%	
193	11.724	11.679	11.747	VV	18822	327598	1.74%	0.037%	
194	11.787	11.747	11.805	PV	4481	63340	0.34%	0.007%	

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195	11.818	11.805	11.831	VV	2853	27590	0.15%	0.003%
196	11.855	11.831	11.876	VV	13900	160420	0.85%	0.018%
197	11.897	11.876	11.918	VV	2635	56044	0.30%	0.006%
198	11.965	11.918	11.984	VV	710938	7681686	40.89%	0.868%
199	12.007	11.984	12.023	VV	27823	341536	1.82%	0.039%
200	12.039	12.023	12.064	VV	31083	308581	1.64%	0.035%
201	12.078	12.064	12.086	PV	1675	11769	0.06%	0.001%
202	12.109	12.086	12.115	VV	13600	133245	0.71%	0.015%
203	12.128	12.115	12.144	VV	24512	262860	1.40%	0.030%
204	12.160	12.144	12.175	VV	22131	239259	1.27%	0.027%
205	12.191	12.175	12.236	VV	23637	276137	1.47%	0.031%
206	12.288	12.236	12.313	PV	9525	178619	0.95%	0.020%
207	12.326	12.313	12.331	VV	1942	18455	0.10%	0.002%
208	12.344	12.331	12.357	VV	3487	36644	0.20%	0.004%
209	12.373	12.357	12.390	VV	5080	60640	0.32%	0.007%
210	12.411	12.390	12.444	VV	8949	107460	0.57%	0.012%
211	12.475	12.444	12.494	VV	9500	111248	0.59%	0.013%
212	12.510	12.494	12.521	VV	7938	79275	0.42%	0.009%
213	12.544	12.521	12.589	VV	20411	342934	1.83%	0.039%
214	12.594	12.589	12.601	VV	2229	15372	0.08%	0.002%
215	12.626	12.601	12.642	VV	3713	62234	0.33%	0.007%
216	12.660	12.642	12.674	VV	7896	95829	0.51%	0.011%
217	12.691	12.674	12.722	VV	11755	203060	1.08%	0.023%
218	12.755	12.722	12.763	VV	6752	121365	0.65%	0.014%
219	12.771	12.763	12.786	VV	6160	72881	0.39%	0.008%
220	12.801	12.786	12.815	VV	13305	150394	0.80%	0.017%
221	12.821	12.815	12.841	VV	6375	55879	0.30%	0.006%
222	12.876	12.841	12.893	PV	6261	124785	0.66%	0.014%
223	12.916	12.893	12.966	VV	30663	668173	3.56%	0.076%
224	12.981	12.966	12.998	VV	12409	157233	0.84%	0.018%
225	13.006	12.998	13.014	VV	4103	35598	0.19%	0.004%
226	13.040	13.014	13.069	VV	122214	1341400	7.14%	0.152%
227	13.105	13.069	13.118	VV	2691	50536	0.27%	0.006%
228	13.133	13.118	13.146	VV	5671	59436	0.32%	0.007%
229	13.161	13.146	13.170	VV	7622	77245	0.41%	0.009%
230	13.181	13.170	13.200	VV	8086	101894	0.54%	0.012%
231	13.226	13.200	13.247	VV	13334	175891	0.94%	0.020%
232	13.284	13.247	13.304	VV	6992	166340	0.89%	0.019%
233	13.344	13.304	13.364	PV	114259	1235948	6.58%	0.140%
234	13.394	13.364	13.414	VV	512712	5623428	29.94%	0.636%
235	13.427	13.414	13.454	VV	15158	266772	1.42%	0.030%
236	13.465	13.454	13.495	VV	7420	101778	0.54%	0.012%
237	13.516	13.495	13.530	VV	8525	114896	0.61%	0.013%
238	13.547	13.530	13.567	VV	19264	213771	1.14%	0.024%
239	13.607	13.578	13.621	VV	8976	130546	0.69%	0.015%
240	13.639	13.621	13.649	VV	6663	90456	0.48%	0.010%
241	13.667	13.649	13.693	VV	12563	196243	1.04%	0.022%
242	13.699	13.693	13.713	VV	2758	22651	0.12%	0.003%
243	13.731	13.713	13.742	VV	5909	58883	0.31%	0.007%
244	13.762	13.742	13.779	VV	7248	117315	0.62%	0.013%
245	13.800	13.779	13.823	VV	9276	164856	0.88%	0.019%
246	13.839	13.823	13.852	VV	5578	67073	0.36%	0.008%

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247	13.858	13.852	13.867	VV	3690	27161	0.14%	0.003%
248	13.883	13.867	13.900	VV	4133	59355	0.32%	0.007%
249	13.934	13.900	13.954	VV	26086	374238	1.99%	0.042%
250	13.990	13.954	14.018	VV	8288	204975	1.09%	0.023%
251	14.041	14.018	14.068	PV	19482	258246	1.37%	0.029%
252	14.088	14.068	14.111	VV	18090	258463	1.38%	0.029%
253	14.135	14.111	14.158	VV	15764	287660	1.53%	0.033%
254	14.185	14.158	14.202	VV	17193	269074	1.43%	0.030%
255	14.217	14.202	14.239	VV	22310	273425	1.46%	0.031%
256	14.257	14.239	14.274	VV	14206	139164	0.74%	0.016%
257	14.296	14.274	14.318	VV	5532	93256	0.50%	0.011%
258	14.332	14.318	14.346	VV	2702	26526	0.14%	0.003%
259	14.383	14.346	14.401	PV	6655	109544	0.58%	0.012%
260	14.409	14.401	14.428	VV	2806	28563	0.15%	0.003%
261	14.459	14.428	14.467	PV	2516	31871	0.17%	0.004%
262	14.484	14.467	14.501	PV	7023	70064	0.37%	0.008%
263	14.523	14.501	14.531	VV	2440	29803	0.16%	0.003%
264	14.548	14.531	14.555	VV	3723	37643	0.20%	0.004%
265	14.562	14.555	14.566	VV	3235	19495	0.10%	0.002%
266	14.570	14.566	14.579	VV	3293	22079	0.12%	0.002%
267	14.596	14.579	14.615	VV	5944	85056	0.45%	0.010%
268	14.636	14.615	14.656	VV	10481	172383	0.92%	0.019%
269	14.680	14.656	14.694	VV	17200	294418	1.57%	0.033%
270	14.705	14.694	14.722	VV	16309	190563	1.01%	0.022%
271	14.731	14.722	14.736	VV	5518	42418	0.23%	0.005%
272	14.741	14.736	14.746	VV	5072	26568	0.14%	0.003%
273	14.793	14.746	14.812	VV	13658	373139	1.99%	0.042%
274	14.818	14.812	14.835	VV	9528	104840	0.56%	0.012%
275	14.859	14.835	14.875	VV	21742	262072	1.40%	0.030%
276	14.886	14.875	14.899	VV	4586	38858	0.21%	0.004%
277	14.925	14.899	14.943	VV	17027	234875	1.25%	0.027%
278	14.960	14.943	14.974	VV	5043	61006	0.32%	0.007%
279	14.991	14.974	15.023	VV	9896	123991	0.66%	0.014%
280	15.043	15.023	15.058	PV	6685	75713	0.40%	0.009%
281	15.090	15.058	15.102	VV	7903	117327	0.62%	0.013%
282	15.109	15.102	15.126	VV	5473	47856	0.25%	0.005%
283	15.149	15.126	15.154	VV	2034	18368	0.10%	0.002%
284	15.173	15.154	15.194	VV	3118	43950	0.23%	0.005%
285	15.241	15.194	15.264	PV	51375	892416	4.75%	0.101%
286	15.282	15.264	15.303	VV	46036	491051	2.61%	0.056%
287	15.326	15.303	15.347	VV	8631	112374	0.60%	0.013%
288	15.379	15.347	15.394	VV	15960	203937	1.09%	0.023%
289	15.407	15.394	15.429	VV	10297	168148	0.90%	0.019%
290	15.448	15.429	15.459	VV	12517	156529	0.83%	0.018%
291	15.471	15.459	15.498	VV	9459	154742	0.82%	0.017%
292	15.501	15.498	15.521	VV	2499	14651	0.08%	0.002%
293	15.555	15.521	15.578	PV	14534	262612	1.40%	0.030%
294	15.598	15.578	15.608	VV	8727	100512	0.54%	0.011%
295	15.623	15.608	15.644	VV	6508	104277	0.56%	0.012%
296	15.726	15.644	15.750	VV	32362	1027367	5.47%	0.116%
297	15.753	15.750	15.756	VV	25826	100719	0.54%	0.011%
298	15.759	15.756	15.767	VV	25437	162574	0.87%	0.018%
299	15.776	15.767	15.821	VV	30096	557893	2.97%	0.063%

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300	15.840	15.821	15.859	VV	13870	211959	1.13%	0.024%
301	15.878	15.859	15.893	VV	14364	179602	0.96%	0.020%
302	15.922	15.893	15.943	VV	38507	572766	3.05%	0.065%
303	15.961	15.943	15.990	VV	33216	454722	2.42%	0.051%
304	16.037	15.990	16.056	VV	18037	389280	2.07%	0.044%
305	16.085	16.056	16.114	VV	28763	695355	3.70%	0.079%
306	16.122	16.114	16.142	VV	13179	193866	1.03%	0.022%
307	16.156	16.142	16.166	VV	14836	170840	0.91%	0.019%
308	16.174	16.166	16.187	VV	13092	128606	0.68%	0.015%
309	16.211	16.187	16.246	VV	22246	574704	3.06%	0.065%
310	16.285	16.246	16.306	VV	47691	994823	5.30%	0.112%
311	16.315	16.306	16.327	VV	22064	257673	1.37%	0.029%
312	16.370	16.327	16.394	VV	31636	1056399	5.62%	0.119%
313	16.400	16.394	16.421	VV	22719	289146	1.54%	0.033%
314	16.459	16.421	16.479	VV	25229	650417	3.46%	0.074%
315	16.524	16.479	16.552	VV	38397	1179000	6.28%	0.133%
316	16.572	16.552	16.580	VV	34749	451278	2.40%	0.051%
317	16.611	16.580	16.634	VV	45125	1241778	6.61%	0.140%
318	16.645	16.634	16.661	VV	34273	506780	2.70%	0.057%
319	16.681	16.661	16.700	VV	38587	751984	4.00%	0.085%
320	16.736	16.700	16.752	VV	48778	1225602	6.52%	0.139%
321	16.775	16.752	16.791	VV	66710	1192334	6.35%	0.135%
322	16.829	16.791	16.850	VV	94082	2232513	11.88%	0.252%
323	16.860	16.850	16.875	VV	56060	800339	4.26%	0.090%
324	16.879	16.875	16.884	VV	53154	302208	1.61%	0.034%
325	16.904	16.884	16.909	VV	55783	774415	4.12%	0.088%
326	16.965	16.909	16.987	VV	80860	3260823	17.36%	0.369%
327	17.018	16.987	17.030	VV	71846	1738946	9.26%	0.197%
328	17.036	17.030	17.070	VV	71372	1603983	8.54%	0.181%
329	17.121	17.070	17.144	VV	83120	3134864	16.69%	0.354%
330	17.164	17.144	17.196	VV	95619	2379755	12.67%	0.269%
331	17.224	17.196	17.237	VV	108593	2091611	11.13%	0.236%
332	17.248	17.237	17.263	VV	113532	1585647	8.44%	0.179%
333	17.273	17.263	17.280	VV	98673	1003950	5.34%	0.114%
334	17.304	17.280	17.326	VV	141455	3277165	17.45%	0.371%
335	17.334	17.326	17.359	VV	113579	2101575	11.19%	0.238%
336	17.371	17.359	17.387	VV	99430	1572101	8.37%	0.178%
337	17.407	17.387	17.423	VV	96084	1959749	10.43%	0.222%
338	17.461	17.423	17.497	VV	125595	4686693	24.95%	0.530%
339	17.505	17.497	17.520	VV	115976	1556406	8.29%	0.176%
340	17.548	17.520	17.571	VV	129302	3505677	18.66%	0.396%
341	17.610	17.571	17.624	VV	137553	3970850	21.14%	0.449%
342	17.635	17.624	17.657	VV	127358	2387161	12.71%	0.270%
343	17.679	17.657	17.691	VV	135937	2597388	13.83%	0.294%
344	17.720	17.691	17.749	VV	194128	5527017	29.42%	0.625%
345	17.776	17.749	17.794	VV	153454	3771774	20.08%	0.426%
346	17.815	17.794	17.834	VV	165106	3532736	18.81%	0.399%
347	17.864	17.834	17.890	VV	170110	5035471	26.81%	0.569%
348	17.923	17.890	17.939	VV	169098	4528646	24.11%	0.512%
349	17.951	17.939	17.967	VV	159459	2538796	13.51%	0.287%
350	17.976	17.967	17.997	VV	149293	2541866	13.53%	0.287%
351	18.016	17.997	18.022	VV	157738	2333346	12.42%	0.264%

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352	18.038	18.022	18.049	VV	162355	2492923	13.27%	0.282%
353	18.055	18.049	18.059	VV	152078	901753	4.80%	0.102%
354	18.089	18.059	18.122	VV	197948	6691965	35.62%	0.757%
355	18.151	18.122	18.172	VV	256726	6370505	33.91%	0.720%
356	18.186	18.172	18.227	VV	230236	6666388	35.49%	0.754%
357	18.244	18.227	18.258	VV	202351	3446167	18.35%	0.390%
358	18.349	18.258	18.369	VV	377264	15504292	82.53%	1.753%
359	18.376	18.369	18.405	VV	255780	4985281	26.54%	0.564%
360	18.426	18.405	18.453	VV	211571	5759826	30.66%	0.651%
361	18.472	18.453	18.485	VV	209611	3888881	20.70%	0.440%
362	18.489	18.485	18.496	VV	204125	1322409	7.04%	0.150%
363	18.526	18.496	18.531	VV	233973	4704621	25.04%	0.532%
364	18.545	18.531	18.561	VV	238022	4215861	22.44%	0.477%
365	18.577	18.561	18.620	VV	258021	8143788	43.35%	0.921%
366	18.654	18.620	18.666	VV	241492	6101927	32.48%	0.690%
367	18.691	18.666	18.696	VV	245541	4330306	23.05%	0.490%
368	18.722	18.696	18.744	VV	391365	8797949	46.83%	0.995%
369	18.750	18.744	18.778	VV	269035	5095186	27.12%	0.576%
370	18.783	18.778	18.787	VV	249097	1365204	7.27%	0.154%
371	18.800	18.787	18.820	VV	257694	5056338	26.92%	0.572%
372	18.842	18.820	18.861	VV	268261	6302605	33.55%	0.713%
373	18.875	18.861	18.880	VV	259257	2870585	15.28%	0.325%
374	18.903	18.880	18.930	VV	274259	7813214	41.59%	0.883%
375	18.943	18.930	18.949	VV	254215	2981374	15.87%	0.337%
376	18.993	18.949	19.015	VV	307853	10779372	57.38%	1.219%
377	19.033	19.015	19.064	VV	275697	7728724	41.14%	0.874%
378	19.101	19.064	19.113	VV	276890	7741785	41.21%	0.875%
379	19.148	19.113	19.171	VV	389181	11184813	59.54%	1.265%
380	19.200	19.171	19.233	VV	384143	11832079	62.99%	1.338%
381	19.244	19.233	19.260	VV	297468	4815992	25.64%	0.544%
382	19.290	19.260	19.304	VV	315005	8033949	42.77%	0.908%
383	19.310	19.304	19.317	VV	316606	2448438	13.03%	0.277%
384	19.327	19.317	19.349	VV	318354	5948564	31.67%	0.673%
385	19.372	19.349	19.380	VV	325648	5866284	31.23%	0.663%
386	19.401	19.380	19.413	VV	339814	6482945	34.51%	0.733%
387	19.425	19.413	19.443	VV	328707	5789837	30.82%	0.655%
388	19.448	19.443	19.456	VV	318843	2600989	13.85%	0.294%
389	19.482	19.456	19.509	VV	410738	11504997	61.25%	1.301%
390	19.549	19.509	19.572	VV	389125	13334548	70.98%	1.508%
391	19.593	19.572	19.600	VV	363088	5956047	31.71%	0.673%
392	19.606	19.600	19.613	VV	357442	2621041	13.95%	0.296%
393	19.621	19.613	19.634	VV	354832	4564669	24.30%	0.516%
394	19.640	19.634	19.644	VV	348604	1941895	10.34%	0.220%
395	19.649	19.644	19.657	VV	350335	2839346	15.11%	0.321%
396	19.667	19.657	19.673	VV	351798	3178407	16.92%	0.359%
397	19.701	19.673	19.711	VV	362393	8202966	43.67%	0.927%
398	19.734	19.711	19.751	VV	371015	8583503	45.69%	0.970%
399	19.783	19.751	19.797	VV	404076	10638352	56.63%	1.203%
400	19.813	19.797	19.829	VV	387489	7223494	38.45%	0.817%
401	19.834	19.829	19.843	VV	382046	3162606	16.84%	0.358%
402	19.865	19.843	19.882	VV	442114	9438081	50.24%	1.067%
403	19.902	19.882	19.921	VV	392344	8977296	47.79%	1.015%
404	19.958	19.921	19.972	VV	426180	12215023	65.02%	1.381%

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405	19.976	19.972	19.983	VV	403161	2705152	14.40%	0.306%
406	20.000	19.983	20.006	VV	406037	5423044	28.87%	0.613%
407	20.029	20.006	20.041	VV	416745	8555435	45.54%	0.967%
408	20.069	20.041	20.088	VV	440739	12139517	64.62%	1.372%
409	20.094	20.088	20.111	VV	440264	6076408	32.35%	0.687%
410	20.166	20.111	20.181	VV	468784	18785143	100.00%	2.124%
411	20.205	20.181	20.242	VV	473906	16350895	87.04%	1.849%
412	20.260	20.242	20.288	VV	452660	11932575	63.52%	1.349%
413	20.312	20.288	20.322	VV	437112	8858704	47.16%	1.002%
414	20.379	20.322	20.389	VV	473390	18038050	96.02%	2.039%
415	20.395	20.389	20.404	VV	460545	4088898	21.77%	0.462%
416	20.413	20.404	20.423	VV	457222	4991514	26.57%	0.564%
417	20.460	20.423	20.464	VV	461517	11193877	59.59%	1.266%
418	20.469	20.464	20.481	VV	460271	4661419	24.81%	0.527%
419	20.485	20.481	20.488	VV	455412	1833463	9.76%	0.207%
420	20.507	20.488	20.513	VV	467117	7028007	37.41%	0.795%
421	20.517	20.513	20.523	VV	459859	2528362	13.46%	0.286%
422	20.539	20.523	20.577	VV	459211	14128188	75.21%	1.597%
423	20.581	20.577	20.596	VV	415701	4765506	25.37%	0.539%
424	20.601	20.596	20.609	VV	404982	3082358	16.41%	0.348%
425	20.616	20.609	20.621	VV	409254	2945987	15.68%	0.333%
426	20.630	20.621	20.644	VV	411515	5582001	29.71%	0.631%
427	20.661	20.644	20.688	VV	429094	10972787	58.41%	1.241%
428	20.694	20.688	20.707	VV	400797	4372361	23.28%	0.494%
429	20.748	20.707	20.773	VV	417346	15651039	83.32%	1.769%
430	20.778	20.773	20.790	VV	383118	4062337	21.63%	0.459%
431	20.802	20.790	20.809	VV	389755	4405667	23.45%	0.498%
432	20.817	20.809	20.844	VV	392820	7826542	41.66%	0.885%
433	20.855	20.844	20.871	VV	368608	5951422	31.68%	0.673%
434	20.878	20.871	20.885	VV	357695	2908178	15.48%	0.329%
435	20.898	20.885	20.905	VV	356426	4341869	23.11%	0.491%
436	20.941	20.905	20.969	VV	377428	13621498	72.51%	1.540%
437	20.975	20.969	20.979	VV	337935	1976444	10.52%	0.223%
438	20.987	20.979	21.003	VV	341703	4809916	25.60%	0.544%
439	21.007	21.003	21.023	VV	333640	3977951	21.18%	0.450%
440	21.053	21.023	21.072	VV	340324	9646719	51.35%	1.091%
441	21.081	21.072	21.089	VV	320519	3158807	16.82%	0.357%
442	21.101	21.089	21.106	VV	322835	3260749	17.36%	0.369%
443	21.111	21.106	21.151	VV	321559	8334897	44.37%	0.942%
444	21.156	21.151	21.174	VV	296127	4022676	21.41%	0.455%
445	21.188	21.174	21.204	VV	289139	5074058	27.01%	0.574%
446	21.213	21.204	21.238	VV	294072	5870165	31.25%	0.664%
447	21.245	21.238	21.264	VV	286047	4402631	23.44%	0.498%
448	21.270	21.264	21.280	VV	274322	2654044	14.13%	0.300%
449	21.285	21.280	21.291	VV	271081	1762708	9.38%	0.199%
450	21.302	21.291	21.315	VV	271490	3734817	19.88%	0.422%
451	21.324	21.315	21.342	VV	269672	4361301	23.22%	0.493%
452	21.350	21.342	21.356	VV	260968	2148290	11.44%	0.243%
453	21.363	21.356	21.368	VV	276709	1994231	10.62%	0.225%
454	21.379	21.368	21.410	VV	273995	6451501	34.34%	0.729%
455	21.415	21.410	21.436	VV	235829	3500276	18.63%	0.396%
456	21.441	21.436	21.508	VV	223274	8690580	46.26%	0.983%

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457	21.514	21.508	21.522	VV	185625	1527329	8.13%	0.173%
458	21.528	21.522	21.547	VV	180835	2642724	14.07%	0.299%
459	21.553	21.547	21.568	VV	169929	2135319	11.37%	0.241%
460	21.578	21.568	21.583	VV	170527	1451905	7.73%	0.164%
461	21.589	21.583	21.594	VV	173328	1198624	6.38%	0.136%
462	21.620	21.594	21.654	VV	181113	6082826	32.38%	0.688%
463	21.668	21.654	21.672	VV	164205	1735225	9.24%	0.196%
464	21.679	21.672	21.685	VV	165891	1244960	6.63%	0.141%
465	21.689	21.685	21.723	VV	160924	3502595	18.65%	0.396%
466	21.729	21.723	21.736	VV	151984	1213242	6.46%	0.137%
467	21.743	21.736	21.760	VV	155033	2141668	11.40%	0.242%
468	21.766	21.760	21.776	VV	152383	1449445	7.72%	0.164%
469	21.784	21.776	21.792	VV	142847	1341754	7.14%	0.152%
470	21.799	21.792	21.807	VV	146450	1321563	7.04%	0.149%
471	21.812	21.807	21.833	VV	142844	2102112	11.19%	0.238%
472	21.838	21.833	21.847	VV	134822	1088410	5.79%	0.123%
473	21.853	21.847	21.858	VV	129847	824880	4.39%	0.093%
474	21.873	21.858	21.915	VV	137521	4102774	21.84%	0.464%
475	21.919	21.915	21.943	VV	100070	1638933	8.72%	0.185%
476	21.947	21.943	21.972	VV	96920	1626087	8.66%	0.184%
477	21.989	21.972	21.997	VV	90666	1365626	7.27%	0.154%
478	22.003	21.997	22.006	VV	88764	436461	2.32%	0.049%
479	22.009	22.006	22.033	VV	89530	1372850	7.31%	0.155%
480	22.041	22.033	22.048	VV	83732	698766	3.72%	0.079%
481	22.051	22.048	22.061	VV	82885	623181	3.32%	0.070%
482	22.077	22.061	22.086	VV	84273	1227948	6.54%	0.139%
483	22.096	22.086	22.119	VV	83806	1482705	7.89%	0.168%
484	22.128	22.119	22.133	VV	67928	559913	2.98%	0.063%
485	22.144	22.133	22.158	VV	68112	953596	5.08%	0.108%
486	22.168	22.158	22.173	VV	63011	584201	3.11%	0.066%
487	22.175	22.173	22.193	VV	59920	675870	3.60%	0.076%
488	22.198	22.193	22.208	VV	61358	526189	2.80%	0.059%
489	22.215	22.208	22.224	VV	58818	551670	2.94%	0.062%
490	22.235	22.224	22.240	VV	58993	517061	2.75%	0.058%
491	22.251	22.240	22.257	VV	58492	598412	3.19%	0.068%
492	22.269	22.257	22.287	VV	62352	1035339	5.51%	0.117%
493	22.293	22.287	22.303	VV	56462	503134	2.68%	0.057%
494	22.309	22.303	22.385	VV	51528	1395691	7.43%	0.158%
495	22.391	22.385	22.404	VV	6887	46317	0.25%	0.005%
496	22.412	22.404	22.419	VV	8772	34049	0.18%	0.004%
Sum of corrected areas:							884492833	

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