

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071018AL\
 Data File : FE028183.D
 Signal(s) : FID1B.CH
 Acq On : 11 Jul 2018 3:15
 Sample : J3914-06
 Misc :
 ALS Vial : 32 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	3.755	3.728	3.771	PV	1074	13450	0.02%	0.001%
2	3.848	3.819	3.878	VV	1890	27367	0.05%	0.001%
3	3.926	3.878	3.939	PV	1741	28135	0.05%	0.001%
4	3.952	3.939	3.993	VV	3576	44979	0.08%	0.002%
5	4.013	3.993	4.034	VV	3465	38598	0.07%	0.002%
6	4.059	4.034	4.073	VV	1340	20232	0.03%	0.001%
7	4.097	4.073	4.126	VV	9651	95921	0.16%	0.004%
8	4.147	4.126	4.177	VV	1765	27663	0.05%	0.001%
9	4.201	4.177	4.220	VV	1330	23299	0.04%	0.001%
10	4.232	4.220	4.241	VV	1289	13234	0.02%	0.001%
11	4.270	4.257	4.284	VV	1864	16760	0.03%	0.001%
12	4.304	4.284	4.334	VV	13812	142612	0.24%	0.006%
13	4.340	4.334	4.363	VV	2022	26066	0.04%	0.001%
14	4.389	4.363	4.398	VV	2556	33194	0.06%	0.001%
15	4.408	4.398	4.436	VV	2773	31339	0.05%	0.001%
16	4.488	4.453	4.495	VV	2575	26180	0.04%	0.001%
17	4.507	4.495	4.521	VV	5232	50065	0.09%	0.002%
18	4.526	4.521	4.544	VV	1700	17263	0.03%	0.001%
19	4.550	4.544	4.572	VV	963	12249	0.02%	0.001%
20	4.586	4.572	4.612	VV	4151	37507	0.06%	0.002%
21	4.650	4.628	4.666	VV	2095	22704	0.04%	0.001%
22	4.677	4.666	4.695	VV	962	10703	0.02%	0.000%
23	4.712	4.695	4.726	VV	2906	27669	0.05%	0.001%
24	4.740	4.726	4.754	VV	1056	11907	0.02%	0.001%
25	4.769	4.754	4.774	VV	1492	12647	0.02%	0.001%
26	4.792	4.774	4.801	VV	2546	30923	0.05%	0.001%
27	4.815	4.801	4.819	VV	3013	27310	0.05%	0.001%
28	4.823	4.819	4.857	VV	3066	40324	0.07%	0.002%
29	4.878	4.857	4.891	VV	1598	26759	0.05%	0.001%
30	4.922	4.891	4.935	VV	2904	48398	0.08%	0.002%
31	4.942	4.935	4.952	VV	1831	17399	0.03%	0.001%
32	4.967	4.952	4.984	VV	3140	40326	0.07%	0.002%
33	4.996	4.984	5.009	VV	2287	29966	0.05%	0.001%
34	5.016	5.009	5.035	VV	1997	25731	0.04%	0.001%
35	5.058	5.035	5.081	VV	3354	61054	0.10%	0.003%
36	5.089	5.081	5.112	VV	1739	29090	0.05%	0.001%

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37	5.137	5.112	5.160	VV	3008	50056	0.09%	0.002%	
38	5.175	5.160	5.192	VV	1543	23242	0.04%	0.001%	
39	5.206	5.192	5.224	VV	1803	22570	0.04%	0.001%	
40	5.236	5.224	5.243	VV	1090	10149	0.02%	0.000%	
41	5.261	5.243	5.298	VV	3323	52307	0.09%	0.002%	
42	5.320	5.298	5.333	VV	1528	17784	0.03%	0.001%	
43	5.349	5.333	5.369	VV	3583	40312	0.07%	0.002%	
44	5.405	5.369	5.430	VV	1781	35453	0.06%	0.002%	
45	5.451	5.430	5.482	VV	2771	41405	0.07%	0.002%	
46	5.501	5.482	5.519	VV	911	10476	0.02%	0.000%	
47	5.570	5.550	5.596	VV	7295	76516	0.13%	0.003%	
48	5.612	5.596	5.622	VV	1034	13182	0.02%	0.001%	
49	5.636	5.622	5.677	VV	1710	30434	0.05%	0.001%	
50	5.752	5.735	5.764	VV	3728	34102	0.06%	0.002%	
51	5.770	5.764	5.783	VV	1879	16995	0.03%	0.001%	
52	5.796	5.783	5.817	VV	3173	32684	0.06%	0.001%	
53	5.866	5.841	5.884	VV	2604	38434	0.07%	0.002%	
54	5.894	5.884	5.911	VV	1196	13806	0.02%	0.001%	
55	5.933	5.911	5.943	VV	1479	17047	0.03%	0.001%	
56	5.956	5.943	5.985	VV	1642	24429	0.04%	0.001%	
57	6.031	6.011	6.047	VV	3193	46357	0.08%	0.002%	
58	6.063	6.047	6.089	VV	2633	37538	0.06%	0.002%	
59	6.104	6.089	6.121	VV	1602	18067	0.03%	0.001%	
60	6.150	6.121	6.156	VV	1167	18030	0.03%	0.001%	
61	6.170	6.156	6.193	VV	1684	28024	0.05%	0.001%	
62	6.206	6.193	6.234	VV	1464	26807	0.05%	0.001%	
63	6.274	6.234	6.291	VV	2683	47130	0.08%	0.002%	
64	6.304	6.291	6.309	VV	1860	17195	0.03%	0.001%	
65	6.327	6.309	6.343	VV	7304	82053	0.14%	0.004%	
66	6.351	6.343	6.385	VV	2347	33059	0.06%	0.001%	
67	6.445	6.406	6.453	VV	3124	54424	0.09%	0.002%	
68	6.462	6.453	6.482	VV	3317	36497	0.06%	0.002%	
69	6.496	6.482	6.504	VV	956	10519	0.02%	0.000%	
70	6.515	6.504	6.523	VV	1204	12238	0.02%	0.001%	
71	6.537	6.523	6.556	VV	1441	20133	0.03%	0.001%	
72	6.587	6.556	6.606	VV	6046	73176	0.12%	0.003%	
73	6.629	6.606	6.649	VV	3267	49068	0.08%	0.002%	
74	6.668	6.649	6.678	VV	1172	15929	0.03%	0.001%	
75	6.697	6.678	6.716	VV	1448	22113	0.04%	0.001%	
76	6.740	6.716	6.754	VV	2994	35140	0.06%	0.002%	
77	6.770	6.754	6.804	VV	1786	34592	0.06%	0.002%	
78	6.822	6.804	6.847	VV	1950	30399	0.05%	0.001%	
79	6.863	6.847	6.868	VV	1352	14248	0.02%	0.001%	
80	6.890	6.868	6.907	VV	4111	58748	0.10%	0.003%	
81	6.916	6.907	6.927	VV	1306	14867	0.03%	0.001%	
82	6.947	6.927	6.995	VV	3109	52054	0.09%	0.002%	
83	7.026	6.995	7.051	PV	1758	28917	0.05%	0.001%	
84	7.065	7.051	7.070	VV	1307	11431	0.02%	0.001%	
85	7.088	7.070	7.112	VV	1562	28980	0.05%	0.001%	
86	7.136	7.112	7.149	VV	1253	21127	0.04%	0.001%	
87	7.164	7.149	7.208	VV	2717	54665	0.09%	0.002%	
88	7.237	7.208	7.249	VV	1882	33809	0.06%	0.002%	
89	7.262	7.249	7.272	VV	2201	24441	0.04%	0.001%	

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90	7.280	7.272	7.293	VV	1784	17772	0.03%	0.001%
91	7.313	7.293	7.336	VV	1633	32295	0.05%	0.001%
92	7.391	7.351	7.414	VV	5231	97537	0.17%	0.004%
93	7.424	7.414	7.435	VV	2304	22804	0.04%	0.001%
94	7.449	7.435	7.465	VV	3419	39286	0.07%	0.002%
95	7.482	7.465	7.496	VV	2672	32410	0.06%	0.001%
96	7.504	7.496	7.514	VV	1390	12262	0.02%	0.001%
97	7.544	7.514	7.560	VV	5126	78776	0.13%	0.004%
98	7.569	7.560	7.587	VV	2279	24092	0.04%	0.001%
99	7.612	7.587	7.630	VV	1170	18959	0.03%	0.001%
100	7.672	7.630	7.693	VV	5441	83681	0.14%	0.004%
101	7.702	7.693	7.717	VV	1618	19458	0.03%	0.001%
102	7.729	7.717	7.746	VV	1688	19565	0.03%	0.001%
103	7.766	7.746	7.804	VV	1707	39063	0.07%	0.002%
104	7.837	7.804	7.855	VV	2526	50114	0.09%	0.002%
105	7.865	7.855	7.877	VV	2254	23754	0.04%	0.001%
106	7.886	7.877	7.896	VV	1638	14813	0.03%	0.001%
107	7.910	7.896	7.936	VV	1179	17537	0.03%	0.001%
108	8.011	7.936	8.058	PV	944296	10084141	17.17%	0.455%
109	8.083	8.058	8.103	VV	2188	47918	0.08%	0.002%
110	8.121	8.103	8.142	VV	4481	69010	0.12%	0.003%
111	8.150	8.142	8.164	VV	1988	20222	0.03%	0.001%
112	8.174	8.164	8.186	VV	1136	11110	0.02%	0.001%
113	8.201	8.186	8.217	VV	1547	17755	0.03%	0.001%
114	8.244	8.217	8.267	VV	1343	23643	0.04%	0.001%
115	8.306	8.267	8.317	VV	4458	66750	0.11%	0.003%
116	8.326	8.317	8.351	VV	3362	35869	0.06%	0.002%
117	8.371	8.351	8.396	PV	5851	60704	0.10%	0.003%
118	8.412	8.396	8.421	VV	1389	14766	0.03%	0.001%
119	8.445	8.421	8.485	VV	7363	118535	0.20%	0.005%
120	8.500	8.485	8.508	VV	2737	24994	0.04%	0.001%
121	8.523	8.508	8.536	VV	4250	54476	0.09%	0.002%
122	8.551	8.536	8.565	VV	7361	82720	0.14%	0.004%
123	8.573	8.565	8.594	VV	2918	38986	0.07%	0.002%
124	8.622	8.594	8.657	VV	63814	609248	1.04%	0.028%
125	8.689	8.657	8.713	VV	7075	101639	0.17%	0.005%
126	8.736	8.713	8.768	VV	7666	97483	0.17%	0.004%
127	8.798	8.768	8.819	VV	2551	44526	0.08%	0.002%
128	8.842	8.819	8.857	VV	1077	15355	0.03%	0.001%
129	8.900	8.857	8.941	VV	618116	6735838	11.47%	0.304%
130	8.965	8.941	8.976	VV	2975	47225	0.08%	0.002%
131	8.986	8.976	9.004	VV	3180	44783	0.08%	0.002%
132	9.034	9.004	9.063	VV	5930	117688	0.20%	0.005%
133	9.092	9.063	9.118	VV	10357	161246	0.27%	0.007%
134	9.140	9.118	9.154	VV	2633	37606	0.06%	0.002%
135	9.178	9.154	9.190	VV	4125	57203	0.10%	0.003%
136	9.207	9.190	9.245	VV	9109	147486	0.25%	0.007%
137	9.258	9.245	9.275	VV	3515	45482	0.08%	0.002%
138	9.294	9.275	9.346	VV	7436	142738	0.24%	0.006%
139	9.375	9.346	9.422	VV	9140	177158	0.30%	0.008%
140	9.436	9.422	9.452	VV	3585	42735	0.07%	0.002%
141	9.464	9.452	9.481	VV	1733	21732	0.04%	0.001%

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142	9.550	9.529	9.567	VV	4581	50949	0.09%	0.002%	
143	9.581	9.567	9.590	VV	2925	28508	0.05%	0.001%	
144	9.603	9.590	9.621	VV	3784	43258	0.07%	0.002%	
145	9.637	9.621	9.649	VV	1103	13338	0.02%	0.001%	
146	9.685	9.667	9.702	VV	2265	33945	0.06%	0.002%	
147	9.715	9.702	9.737	VV	2895	43866	0.07%	0.002%	
148	9.772	9.737	9.784	VV	5527	96626	0.16%	0.004%	
149	9.797	9.784	9.812	VV	7404	77737	0.13%	0.004%	
150	9.856	9.812	9.874	VV	6050	129226	0.22%	0.006%	
151	9.883	9.874	9.904	VV	3001	34472	0.06%	0.002%	
152	9.920	9.904	9.933	VV	3013	33715	0.06%	0.002%	
153	9.947	9.933	9.965	VV	2707	41588	0.07%	0.002%	
154	10.004	9.965	10.031	VV	3567	88947	0.15%	0.004%	
155	10.053	10.031	10.062	VV	1610	22835	0.04%	0.001%	
156	10.099	10.062	10.132	VV	9404	177010	0.30%	0.008%	
157	10.159	10.132	10.179	VV	9808	131937	0.22%	0.006%	
158	10.196	10.179	10.212	VV	3974	50083	0.09%	0.002%	
159	10.227	10.212	10.242	VV	1988	22466	0.04%	0.001%	
160	10.264	10.242	10.269	VV	1385	12337	0.02%	0.001%	
161	10.288	10.269	10.306	VV	1379	22467	0.04%	0.001%	
162	10.360	10.306	10.367	PV	2131	38330	0.07%	0.002%	
163	10.377	10.367	10.391	VV	1877	19652	0.03%	0.001%	
164	10.449	10.433	10.469	VV	1659	16108	0.03%	0.001%	
165	10.552	10.469	10.580	PV	8610	228311	0.39%	0.010%	
166	10.594	10.580	10.611	VV	3976	53511	0.09%	0.002%	
167	10.630	10.611	10.639	VV	4935	58495	0.10%	0.003%	
168	10.654	10.639	10.682	VV	4844	80435	0.14%	0.004%	
169	10.705	10.682	10.734	VV	8047	129752	0.22%	0.006%	
170	10.748	10.734	10.754	VV	2572	24470	0.04%	0.001%	
171	10.792	10.754	10.808	VV	40462	447887	0.76%	0.020%	
172	10.821	10.808	10.832	VV	10524	128213	0.22%	0.006%	
173	10.838	10.832	10.851	VV	8487	88852	0.15%	0.004%	
174	10.860	10.851	10.875	VV	8435	84569	0.14%	0.004%	
175	10.903	10.875	10.931	VV	15707	217652	0.37%	0.010%	
176	10.977	10.931	11.010	VV	15222	284120	0.48%	0.013%	
177	11.022	11.010	11.039	VV	4661	60291	0.10%	0.003%	
178	11.058	11.039	11.075	VV	2733	46363	0.08%	0.002%	
179	11.093	11.075	11.109	VV	2089	25508	0.04%	0.001%	
180	11.161	11.109	11.174	VV	5119	121446	0.21%	0.005%	
181	11.194	11.174	11.216	VV	35722	378153	0.64%	0.017%	
182	11.222	11.216	11.241	VV	3180	38554	0.07%	0.002%	
183	11.270	11.241	11.289	VV	16133	217393	0.37%	0.010%	
184	11.303	11.289	11.341	VV	8376	127174	0.22%	0.006%	
185	11.364	11.341	11.376	VV	3027	35822	0.06%	0.002%	
186	11.400	11.376	11.422	VV	2809	48477	0.08%	0.002%	
187	11.440	11.422	11.451	VV	2326	26063	0.04%	0.001%	
188	11.481	11.451	11.490	PV	5429	74984	0.13%	0.003%	
189	11.503	11.490	11.519	VV	6449	78856	0.13%	0.004%	
190	11.543	11.519	11.567	VV	5796	100383	0.17%	0.005%	
191	11.586	11.567	11.597	VV	9921	113773	0.19%	0.005%	
192	11.612	11.597	11.634	VV	17628	214250	0.36%	0.010%	
193	11.639	11.634	11.646	VV	2130	12602	0.02%	0.001%	
194	11.662	11.646	11.676	VV	4490	59056	0.10%	0.003%	

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195	11.707	11.676	11.741	VV	15119	278617	0.47%	0.013%
196	11.789	11.741	11.800	PV	3708	64389	0.11%	0.003%
197	11.813	11.800	11.836	VV	4051	44672	0.08%	0.002%
198	11.857	11.836	11.869	PV	5368	69606	0.12%	0.003%
199	11.876	11.869	11.900	VV	3934	57145	0.10%	0.003%
200	11.961	11.900	11.984	VV	597759	6281578	10.70%	0.284%
201	12.004	11.984	12.019	VV	9992	122174	0.21%	0.006%
202	12.037	12.019	12.067	VV	10987	192245	0.33%	0.009%
203	12.077	12.067	12.086	VV	3212	29316	0.05%	0.001%
204	12.106	12.086	12.116	VV	9437	116035	0.20%	0.005%
205	12.126	12.116	12.140	VV	9327	106646	0.18%	0.005%
206	12.156	12.140	12.172	VV	10649	154080	0.26%	0.007%
207	12.185	12.172	12.208	VV	9023	126293	0.22%	0.006%
208	12.223	12.208	12.232	VV	2749	29427	0.05%	0.001%
209	12.240	12.232	12.247	VV	2100	15607	0.03%	0.001%
210	12.287	12.247	12.344	VV	27251	507834	0.86%	0.023%
211	12.373	12.344	12.396	PV	7793	119133	0.20%	0.005%
212	12.414	12.396	12.436	VV	4594	75184	0.13%	0.003%
213	12.471	12.447	12.494	PV	5715	84996	0.14%	0.004%
214	12.547	12.494	12.581	VV	55954	1001913	1.71%	0.045%
215	12.586	12.581	12.596	VV	6659	53409	0.09%	0.002%
216	12.613	12.596	12.634	VV	6943	125463	0.21%	0.006%
217	12.640	12.634	12.647	VV	3423	25486	0.04%	0.001%
218	12.660	12.647	12.675	VV	5324	70301	0.12%	0.003%
219	12.692	12.675	12.720	VV	8632	146045	0.25%	0.007%
220	12.742	12.720	12.766	VV	4058	75258	0.13%	0.003%
221	12.772	12.766	12.781	VV	2269	17044	0.03%	0.001%
222	12.800	12.781	12.816	VV	9672	122504	0.21%	0.006%
223	12.821	12.816	12.841	VV	4153	35270	0.06%	0.002%
224	12.888	12.841	12.898	PV	7520	150344	0.26%	0.007%
225	12.933	12.898	12.957	VV	35125	578730	0.99%	0.026%
226	12.975	12.957	12.990	VV	8235	99857	0.17%	0.005%
227	13.002	12.990	13.014	VV	3212	30196	0.05%	0.001%
228	13.036	13.014	13.066	VV	77855	860015	1.46%	0.039%
229	13.086	13.066	13.099	VV	5871	72150	0.12%	0.003%
230	13.112	13.099	13.127	VV	6367	70142	0.12%	0.003%
231	13.132	13.127	13.146	VV	2539	13360	0.02%	0.001%
232	13.161	13.146	13.166	VV	3925	29885	0.05%	0.001%
233	13.179	13.166	13.194	VV	7070	79635	0.14%	0.004%
234	13.226	13.194	13.230	VV	4685	71134	0.12%	0.003%
235	13.258	13.230	13.277	VV	5950	117580	0.20%	0.005%
236	13.287	13.277	13.312	VV	3157	35640	0.06%	0.002%
237	13.343	13.312	13.368	PV	82070	1291709	2.20%	0.058%
238	13.393	13.368	13.414	VV	440192	4655902	7.93%	0.210%
239	13.432	13.414	13.456	VV	12217	237518	0.40%	0.011%
240	13.465	13.456	13.475	VV	8539	89771	0.15%	0.004%
241	13.492	13.475	13.497	VV	9643	116074	0.20%	0.005%
242	13.512	13.497	13.529	VV	13127	194116	0.33%	0.009%
243	13.550	13.529	13.584	VV	50088	714291	1.22%	0.032%
244	13.605	13.584	13.618	VV	16318	240721	0.41%	0.011%
245	13.629	13.618	13.636	VV	15463	147701	0.25%	0.007%
246	13.644	13.636	13.651	VV	16023	138097	0.24%	0.006%

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247	13.667	13.651	13.685	VV	17221	289204	0.49%	0.013%
248	13.702	13.685	13.708	VV	10230	143447	0.24%	0.006%
249	13.752	13.708	13.763	VV	20286	487718	0.83%	0.022%
250	13.790	13.763	13.816	VV	42199	874190	1.49%	0.039%
251	13.828	13.816	13.842	VV	21305	308935	0.53%	0.014%
252	13.863	13.842	13.878	VV	23162	430261	0.73%	0.019%
253	13.893	13.878	13.904	VV	20885	305526	0.52%	0.014%
254	13.932	13.904	13.950	VV	32299	661876	1.13%	0.030%
255	13.992	13.950	14.012	VV	28452	893469	1.52%	0.040%
256	14.039	14.012	14.069	VV	49356	1098823	1.87%	0.050%
257	14.089	14.069	14.110	VV	37918	756054	1.29%	0.034%
258	14.143	14.110	14.161	VV	76439	1360474	2.32%	0.061%
259	14.182	14.161	14.205	VV	47975	1051452	1.79%	0.047%
260	14.220	14.205	14.242	VV	47617	873129	1.49%	0.039%
261	14.257	14.242	14.271	VV	35357	541603	0.92%	0.024%
262	14.290	14.271	14.299	VV	35693	528181	0.90%	0.024%
263	14.305	14.299	14.313	VV	34688	295490	0.50%	0.013%
264	14.320	14.313	14.325	VV	34623	248349	0.42%	0.011%
265	14.337	14.325	14.354	VV	36033	579132	0.99%	0.026%
266	14.388	14.354	14.415	VV	47212	1472661	2.51%	0.066%
267	14.459	14.415	14.473	VV	40727	1269401	2.16%	0.057%
268	14.494	14.473	14.507	VV	40951	804705	1.37%	0.036%
269	14.550	14.507	14.561	VV	46125	1370612	2.33%	0.062%
270	14.565	14.561	14.576	VV	43194	382219	0.65%	0.017%
271	14.599	14.576	14.619	VV	58219	1291055	2.20%	0.058%
272	14.641	14.619	14.660	VV	61812	1397898	2.38%	0.063%
273	14.712	14.660	14.737	VV	124434	3473062	5.91%	0.157%
274	14.748	14.737	14.752	VV	54023	475005	0.81%	0.021%
275	14.783	14.752	14.797	VV	64906	1607869	2.74%	0.073%
276	14.809	14.797	14.814	VV	64772	625593	1.07%	0.028%
277	14.828	14.814	14.844	VV	70418	1209147	2.06%	0.055%
278	14.863	14.844	14.879	VV	70152	1320740	2.25%	0.060%
279	14.888	14.879	14.902	VV	58241	784986	1.34%	0.035%
280	14.931	14.902	14.954	VV	74148	1953990	3.33%	0.088%
281	14.964	14.954	14.975	VV	62097	755475	1.29%	0.034%
282	14.997	14.975	15.024	VV	82012	2054822	3.50%	0.093%
283	15.050	15.024	15.059	VV	65260	1315520	2.24%	0.059%
284	15.091	15.059	15.106	VV	71209	1866300	3.18%	0.084%
285	15.111	15.106	15.118	VV	63956	458787	0.78%	0.021%
286	15.131	15.118	15.136	VV	65198	651684	1.11%	0.029%
287	15.177	15.136	15.194	VV	72851	2372715	4.04%	0.107%
288	15.220	15.194	15.226	VV	91879	1526902	2.60%	0.069%
289	15.259	15.226	15.273	VV	157239	3417014	5.82%	0.154%
290	15.287	15.273	15.304	VV	122931	1891805	3.22%	0.085%
291	15.318	15.304	15.326	VV	80502	998874	1.70%	0.045%
292	15.335	15.326	15.359	VV	80748	1510501	2.57%	0.068%
293	15.387	15.359	15.400	VV	92457	2094022	3.57%	0.095%
294	15.416	15.400	15.420	VV	91179	1056249	1.80%	0.048%
295	15.425	15.420	15.442	VV	91576	1137203	1.94%	0.051%
296	15.474	15.442	15.502	VV	90259	3122550	5.32%	0.141%
297	15.516	15.502	15.525	VV	87189	1127568	1.92%	0.051%
298	15.533	15.525	15.537	VV	87660	650284	1.11%	0.029%
299	15.558	15.537	15.581	VV	100872	2452439	4.18%	0.111%

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300	15.600	15.581	15.606	VV	104910	1478676	2.52%	0.067%
301	15.610	15.606	15.613	VV	103810	439176	0.75%	0.020%
302	15.625	15.613	15.649	VV	109603	2233809	3.80%	0.101%
303	15.654	15.649	15.661	VV	96440	698028	1.19%	0.032%
304	15.674	15.661	15.681	VV	106349	1189153	2.02%	0.054%
305	15.687	15.681	15.692	VV	105827	687524	1.17%	0.031%
306	15.726	15.692	15.742	VV	137214	3673841	6.26%	0.166%
307	15.745	15.742	15.752	VV	121361	656079	1.12%	0.030%
308	15.784	15.752	15.798	VV	185405	4061708	6.92%	0.183%
309	15.809	15.798	15.830	VV	171437	2929124	4.99%	0.132%
310	15.844	15.830	15.865	VV	128585	2548392	4.34%	0.115%
311	15.892	15.865	15.909	VV	128131	3197373	5.44%	0.144%
312	15.929	15.909	15.946	VV	152233	2961300	5.04%	0.134%
313	15.965	15.946	15.984	VV	163972	3267645	5.56%	0.148%
314	15.989	15.984	16.001	VV	125259	1192168	2.03%	0.054%
315	16.011	16.001	16.017	VV	126236	1178251	2.01%	0.053%
316	16.039	16.017	16.060	VV	147114	3605197	6.14%	0.163%
317	16.090	16.060	16.122	VV	164625	5586043	9.51%	0.252%
318	16.142	16.122	16.155	VV	146678	2830174	4.82%	0.128%
319	16.163	16.155	16.184	VV	145839	2437844	4.15%	0.110%
320	16.223	16.184	16.233	VV	156265	4332297	7.38%	0.196%
321	16.238	16.233	16.240	VV	153168	717490	1.22%	0.032%
322	16.244	16.240	16.247	VV	153825	629089	1.07%	0.028%
323	16.255	16.247	16.260	VV	156910	1188798	2.02%	0.054%
324	16.293	16.260	16.316	VV	220676	5983563	10.19%	0.270%
325	16.319	16.316	16.324	VV	166709	798767	1.36%	0.036%
326	16.328	16.324	16.337	VV	166606	1276605	2.17%	0.058%
327	16.365	16.337	16.376	VV	178782	4021264	6.85%	0.182%
328	16.389	16.376	16.402	VV	174927	2655237	4.52%	0.120%
329	16.407	16.402	16.428	VV	171570	2672918	4.55%	0.121%
330	16.469	16.428	16.486	VV	181940	5852307	9.97%	0.264%
331	16.533	16.486	16.562	VV	212104	8726921	14.86%	0.394%
332	16.625	16.562	16.647	VV	239298	10740075	18.29%	0.485%
333	16.672	16.647	16.679	VV	219138	3940302	6.71%	0.178%
334	16.691	16.679	16.704	VV	225256	3268024	5.56%	0.148%
335	16.709	16.704	16.718	VV	213891	1794300	3.06%	0.081%
336	16.744	16.718	16.765	VV	241330	6451602	10.99%	0.291%
337	16.785	16.765	16.803	VV	308872	6159218	10.49%	0.278%
338	16.842	16.803	16.862	VV	313404	9565490	16.29%	0.432%
339	16.875	16.862	16.890	VV	267849	4361794	7.43%	0.197%
340	16.897	16.890	16.911	VV	256466	3234846	5.51%	0.146%
341	16.939	16.911	16.945	VV	293344	5429980	9.25%	0.245%
342	16.969	16.945	16.994	VV	300570	8587426	14.62%	0.388%
343	17.018	16.994	17.022	VV	290025	4660657	7.94%	0.210%
344	17.029	17.022	17.037	VV	295167	2564634	4.37%	0.116%
345	17.044	17.037	17.054	VV	288265	2962696	5.04%	0.134%
346	17.060	17.054	17.068	VV	286219	2384660	4.06%	0.108%
347	17.076	17.068	17.083	VV	288201	2479255	4.22%	0.112%
348	17.091	17.083	17.111	VV	289494	4747269	8.08%	0.214%
349	17.140	17.111	17.160	VV	314265	8852997	15.08%	0.400%
350	17.177	17.160	17.201	VV	334520	7692063	13.10%	0.347%
351	17.206	17.201	17.209	VV	287572	1398424	2.38%	0.063%

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352	17.258	17.209	17.277	VV	372331	13661532	23.26%	0.617%
353	17.282	17.277	17.294	VV	351553	3481984	5.93%	0.157%
354	17.316	17.294	17.336	VV	421543	9584785	16.32%	0.433%
355	17.353	17.336	17.370	VV	356796	7162541	12.20%	0.323%
356	17.390	17.370	17.424	VV	365185	11515157	19.61%	0.520%
357	17.428	17.424	17.451	VV	349159	5343001	9.10%	0.241%
358	17.479	17.451	17.511	VV	402577	13711295	23.35%	0.619%
359	17.523	17.511	17.529	VV	389621	4243672	7.23%	0.192%
360	17.558	17.529	17.583	VV	425079	13026323	22.18%	0.588%
361	17.623	17.583	17.674	VV	437771	22184912	37.78%	1.002%
362	17.689	17.674	17.706	VV	451254	8021656	13.66%	0.362%
363	17.732	17.706	17.764	VV	512969	16141422	27.49%	0.729%
364	17.789	17.764	17.808	VV	467450	11797794	20.09%	0.533%
365	17.830	17.808	17.851	VV	481945	11460285	19.51%	0.517%
366	17.880	17.851	17.903	VV	499901	14553762	24.78%	0.657%
367	17.935	17.903	17.954	VV	477283	14192026	24.17%	0.641%
368	17.969	17.954	17.992	VV	475556	10211206	17.39%	0.461%
369	17.998	17.992	18.005	VV	447688	3596252	6.12%	0.162%
370	18.020	18.005	18.026	VV	463773	5519123	9.40%	0.249%
371	18.032	18.026	18.041	VV	462766	4195890	7.14%	0.189%
372	18.056	18.041	18.079	VV	471264	10598307	18.05%	0.479%
373	18.101	18.079	18.129	VV	557677	15294672	26.04%	0.691%
374	18.165	18.129	18.191	VV	643716	20714583	35.27%	0.935%
375	18.204	18.191	18.236	VV	558633	14641105	24.93%	0.661%
376	18.260	18.236	18.273	VV	550215	11322025	19.28%	0.511%
377	18.278	18.273	18.282	VV	505928	2902737	4.94%	0.131%
378	18.313	18.282	18.322	VV	533501	12215027	20.80%	0.552%
379	18.367	18.322	18.384	VV	813467	23679408	40.32%	1.069%
380	18.392	18.384	18.426	VV	660756	15309263	26.07%	0.691%
381	18.437	18.426	18.462	VV	564415	11782892	20.06%	0.532%
382	18.472	18.462	18.480	VV	540546	5524315	9.41%	0.249%
383	18.491	18.480	18.505	VV	558631	8187040	13.94%	0.370%
384	18.511	18.505	18.515	VV	553475	3436997	5.85%	0.155%
385	18.540	18.515	18.549	VV	591917	11853282	20.18%	0.535%
386	18.572	18.549	18.578	VV	625647	10361901	17.64%	0.468%
387	18.593	18.578	18.616	VV	686126	14075799	23.97%	0.636%
388	18.624	18.616	18.633	VV	557475	5681122	9.67%	0.257%
389	18.641	18.633	18.647	VV	551730	4565566	7.77%	0.206%
390	18.699	18.647	18.715	VV	635197	24584127	41.86%	1.110%
391	18.740	18.715	18.795	VV	814936	31985507	54.47%	1.444%
392	18.811	18.795	18.829	VV	616797	12537949	21.35%	0.566%
393	18.834	18.829	18.840	VV	613135	4036332	6.87%	0.182%
394	18.850	18.840	18.854	VV	621768	5081394	8.65%	0.229%
395	18.860	18.854	18.878	VV	629386	8911357	15.17%	0.402%
396	18.882	18.878	18.889	VV	618384	4027805	6.86%	0.182%
397	18.894	18.889	18.902	VV	615044	4622996	7.87%	0.209%
398	18.934	18.902	18.959	VV	644234	21739417	37.02%	0.982%
399	18.979	18.959	18.984	VV	688700	9798001	16.68%	0.442%
400	19.011	18.984	19.041	VV	957008	25811896	43.95%	1.166%
401	19.055	19.041	19.078	VV	632093	13847189	23.58%	0.625%
402	19.110	19.078	19.131	VV	663601	20641297	35.15%	0.932%
403	19.139	19.131	19.143	VV	642704	4544663	7.74%	0.205%
404	19.167	19.143	19.190	VV	804256	20315820	34.59%	0.917%

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405	19.218	19.190	19.248	VV	778132	24459067	41.65%	1.104%
406	19.252	19.248	19.257	VV	670302	3881547	6.61%	0.175%
407	19.268	19.257	19.275	VV	672127	6854005	11.67%	0.309%
408	19.305	19.275	19.312	VV	693409	15301951	26.06%	0.691%
409	19.335	19.312	19.345	VV	705274	13575904	23.12%	0.613%
410	19.351	19.345	19.369	VV	697392	9588960	16.33%	0.433%
411	19.382	19.369	19.391	VV	702568	9183018	15.64%	0.415%
412	19.408	19.391	19.426	VV	756796	15705805	26.74%	0.709%
413	19.438	19.426	19.452	VV	728617	11107733	18.91%	0.502%
414	19.457	19.452	19.466	VV	724456	6073361	10.34%	0.274%
415	19.497	19.466	19.535	VV	825336	31713980	54.00%	1.432%
416	19.543	19.535	19.552	VV	741432	7215961	12.29%	0.326%
417	19.570	19.552	19.586	VV	786035	15818922	26.94%	0.714%
418	19.605	19.586	19.622	VV	767978	16157174	27.51%	0.730%
419	19.644	19.622	19.658	VV	761858	16034811	27.30%	0.724%
420	19.672	19.658	19.680	VV	745178	9706613	16.53%	0.438%
421	19.696	19.680	19.702	VV	751025	10045219	17.11%	0.454%
422	19.724	19.702	19.735	VV	770644	14920799	25.41%	0.674%
423	19.802	19.735	19.854	VV	916665	58726052	100.00%	2.652%
424	19.886	19.854	19.904	VV	854460	24227805	41.26%	1.094%
425	19.915	19.904	19.920	VV	805393	7469614	12.72%	0.337%
426	19.925	19.920	19.949	VV	807044	13886853	23.65%	0.627%
427	19.977	19.949	20.008	VV	834680	28264367	48.13%	1.276%
428	20.026	20.008	20.039	VV	825194	14560679	24.79%	0.657%
429	20.047	20.039	20.056	VV	811297	8188763	13.94%	0.370%
430	20.074	20.056	20.084	VV	844556	14295141	24.34%	0.645%
431	20.124	20.084	20.141	VV	891428	29057950	49.48%	1.312%
432	20.145	20.141	20.165	VV	858683	12415498	21.14%	0.561%
433	20.188	20.165	20.194	VV	885781	14952418	25.46%	0.675%
434	20.227	20.194	20.259	VV	924714	34703847	59.09%	1.567%
435	20.283	20.259	20.316	VV	922035	30189416	51.41%	1.363%
436	20.321	20.316	20.325	VV	855980	4811011	8.19%	0.217%
437	20.330	20.325	20.346	VV	861479	10715185	18.25%	0.484%
438	20.358	20.346	20.369	VV	874389	11863078	20.20%	0.536%
439	20.402	20.369	20.443	VV	894152	38688110	65.88%	1.747%
440	20.452	20.443	20.477	VV	849223	16988355	28.93%	0.767%
441	20.521	20.477	20.589	VV	882131	56343145	95.94%	2.544%
442	20.597	20.589	20.621	VV	821991	15483138	26.37%	0.699%
443	20.626	20.621	20.632	VV	809080	5686234	9.68%	0.257%
444	20.643	20.632	20.648	VV	810275	7294246	12.42%	0.329%
445	20.687	20.648	20.734	VV	846354	42041023	71.59%	1.898%
446	20.744	20.734	20.754	VV	777532	9022730	15.36%	0.407%
447	20.775	20.754	20.801	VV	773549	21325043	36.31%	0.963%
448	20.805	20.801	20.819	VV	749094	8143435	13.87%	0.368%
449	20.841	20.819	20.872	VV	782943	24271611	41.33%	1.096%
450	20.877	20.872	20.883	VV	743670	4656766	7.93%	0.210%
451	20.898	20.883	20.904	VV	750989	9419703	16.04%	0.425%
452	20.915	20.904	20.929	VV	747895	11120144	18.94%	0.502%
453	20.942	20.929	20.947	VV	751211	8066412	13.74%	0.364%
454	20.954	20.947	20.961	VV	755160	6107448	10.40%	0.276%
455	20.967	20.961	20.974	VV	746137	6057494	10.31%	0.274%
456	20.979	20.974	20.984	VV	747103	4527207	7.71%	0.204%

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457	20.989	20.984	21.003	VV	735269	8296117	14.13%	0.375%
458	21.009	21.003	21.026	VV	731954	9728340	16.57%	0.439%
459	21.031	21.026	21.039	VV	721725	5720075	9.74%	0.258%
460	21.053	21.039	21.107	VV	723605	28532183	48.59%	1.288%
461	21.114	21.107	21.119	VV	685161	4768843	8.12%	0.215%
462	21.123	21.119	21.150	VV	683590	12238766	20.84%	0.553%
463	21.154	21.150	21.162	VV	654507	4963289	8.45%	0.224%
464	21.169	21.162	21.184	VV	651168	8410420	14.32%	0.380%
465	21.190	21.184	21.199	VV	648980	5784171	9.85%	0.261%
466	21.224	21.199	21.230	VV	646482	11726532	19.97%	0.530%
467	21.248	21.230	21.263	VV	660890	13054560	22.23%	0.589%
468	21.267	21.263	21.271	VV	646000	3293776	5.61%	0.149%
469	21.283	21.271	21.312	VV	653747	15570089	26.51%	0.703%
470	21.318	21.312	21.332	VV	648327	7702644	13.12%	0.348%
471	21.347	21.332	21.360	VV	647827	10893055	18.55%	0.492%
472	21.365	21.360	21.370	VV	638983	3790818	6.46%	0.171%
473	21.375	21.370	21.385	VV	636348	5660187	9.64%	0.256%
474	21.397	21.385	21.402	VV	644054	6513333	11.09%	0.294%
475	21.408	21.402	21.436	VV	652206	12515193	21.31%	0.565%
476	21.441	21.436	21.467	VV	601114	11053321	18.82%	0.499%
477	21.472	21.467	21.510	VV	567057	13925954	23.71%	0.629%
478	21.523	21.510	21.527	VV	536495	5670067	9.66%	0.256%
479	21.534	21.527	21.553	VV	535052	8099367	13.79%	0.366%
480	21.581	21.553	21.591	VV	531163	11994740	20.42%	0.542%
481	21.597	21.591	21.606	VV	533432	4418968	7.52%	0.200%
482	21.611	21.606	21.617	VV	527770	3582345	6.10%	0.162%
483	21.623	21.617	21.634	VV	523197	5282613	9.00%	0.239%
484	21.640	21.634	21.652	VV	525276	5731081	9.76%	0.259%
485	21.661	21.652	21.676	VV	515164	7257626	12.36%	0.328%
486	21.686	21.676	21.696	VV	520572	6050035	10.30%	0.273%
487	21.698	21.696	21.706	VV	515996	3073701	5.23%	0.139%
488	21.711	21.706	21.716	VV	513457	3065623	5.22%	0.138%
489	21.724	21.716	21.753	VV	523679	11488051	19.56%	0.519%
490	21.759	21.753	21.767	VV	514528	4446706	7.57%	0.201%
491	21.774	21.767	21.785	VV	517027	5423576	9.24%	0.245%
492	21.790	21.785	21.856	VV	512155	20354088	34.66%	0.919%
493	21.862	21.856	21.881	VV	449012	6454915	10.99%	0.291%
494	21.885	21.881	21.892	VV	439902	2900385	4.94%	0.131%
495	21.900	21.892	21.905	VV	445530	3522692	6.00%	0.159%
496	21.914	21.905	21.940	VV	451495	9086961	15.47%	0.410%
497	21.955	21.940	21.961	VV	435963	5616898	9.56%	0.254%
498	21.973	21.961	21.977	VV	441111	4173178	7.11%	0.188%
499	21.993	21.977	22.021	VV	444266	11314601	19.27%	0.511%
500	22.027	22.021	22.033	VV	424618	3046546	5.19%	0.138%
501	22.049	22.033	22.107	VV	429291	18626887	31.72%	0.841%
502	22.129	22.107	22.138	VV	417710	7507159	12.78%	0.339%
503	22.144	22.138	22.150	VV	411950	3051658	5.20%	0.138%
504	22.161	22.150	22.184	VV	414002	8183662	13.94%	0.370%
505	22.193	22.184	22.201	VV	410312	4110849	7.00%	0.186%
506	22.219	22.201	22.226	VV	406319	5912080	10.07%	0.267%
507	22.235	22.226	22.241	VV	397395	3553714	6.05%	0.160%
508	22.246	22.241	22.278	VV	396993	8544274	14.55%	0.386%
509	22.285	22.278	22.296	VV	373513	3953585	6.73%	0.179%

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510	22.301	22.296	22.362	VV	359615	13703761	23.34%	0.619%
511	22.367	22.362	22.380	VV	334901	3471380	5.91%	0.157%
512	22.388	22.380	22.396	VV	325056	2999570	5.11%	0.135%
513	22.426	22.396	22.441	VBA	328890	9060484	15.43%	0.409%
					Sum of corrected areas:		2214598266	

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