

rteres

Instrument :

FID_E

ClientSampleId :

TR-04-08212025

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE08252
Data File : FE055479.D
Signal(s) : FID1B.ch
Acq On : 25 Aug 2025 13:16
Sample : Q2926-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/26/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.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	2.833	2.805	2.878	BV	1207	17193	0.04%	0.005%
2	2.901	2.878	2.941	VV	311	5818	0.01%	0.002%
3	2.967	2.941	3.016	VV	426	8023	0.02%	0.002%
4	3.053	3.016	3.082	PV	850	14266	0.04%	0.004%
5	3.112	3.082	3.137	VV	979	14494	0.04%	0.004%
6	3.151	3.137	3.170	VV	482	5731	0.01%	0.002%
7	3.200	3.170	3.218	VV	1051	17148	0.04%	0.005%
8	3.229	3.218	3.250	VV	522	5880	0.01%	0.002%
9	3.285	3.250	3.338	PV	583	17063	0.04%	0.005%
10	3.352	3.338	3.362	VV	96	1254	0.00%	0.000%
11	3.385	3.362	3.394	VV	226	2641	0.01%	0.001%
12	3.419	3.394	3.458	VV	3257	46467	0.12%	0.014%
13	3.475	3.458	3.514	VV	331	5197	0.01%	0.002%
14	3.538	3.514	3.552	PV	414	5504	0.01%	0.002%
15	3.567	3.552	3.584	VV	855	9763	0.02%	0.003%
16	3.597	3.584	3.621	VV	562	7236	0.02%	0.002%
17	3.639	3.621	3.649	VV	391	4705	0.01%	0.001%
18	3.666	3.649	3.690	VV	479	7436	0.02%	0.002%
19	3.707	3.690	3.720	VV	505	5150	0.01%	0.002%
20	3.739	3.720	3.777	VV	1878	29595	0.07%	0.009%
21	3.816	3.777	3.835	VV	944	18249	0.05%	0.005%
22	3.870	3.835	3.880	VV	2408	33655	0.08%	0.010%
23	3.894	3.880	3.923	VV	3966	43039	0.11%	0.013%
24	3.954	3.923	3.989	VV	1317	30288	0.08%	0.009%
25	4.010	3.989	4.050	VV	5536	78062	0.20%	0.023%
26	4.064	4.050	4.085	VV	1360	13616	0.03%	0.004%
27	4.111	4.085	4.175	VV	3860	77624	0.19%	0.023%
28	4.217	4.175	4.234	PV	5640	71731	0.18%	0.021%
29	4.251	4.234	4.273	VV	4259	52708	0.13%	0.016%
30	4.288	4.273	4.308	VV	1879	30472	0.08%	0.009%
31	4.328	4.308	4.352	VV	4577	56113	0.14%	0.017%
32	4.405	4.352	4.437	VV	13400	188246	0.47%	0.056%
33	4.453	4.437	4.482	VV	3508	58586	0.15%	0.017%
34	4.493	4.482	4.508	VV	1517	18807	0.05%	0.006%
35	4.517	4.508	4.541	VV	1094	10953	0.03%	0.003%
36	4.577	4.541	4.597	PV	1873	30107	0.08%	0.009%

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37	4.622	4.597	4.648	VV	3254	47866	0.12%	0.014%
38	4.679	4.648	4.703	VV	23254	248247		
39	4.722	4.703	4.740	VV	6246	64431		
40	4.758	4.740	4.778	VV	2899	33687		
41	4.792	4.778	4.820	VV	1204	14230		
42	4.842	4.820	4.881	PV	2683	57491		
43	4.899	4.881	4.914	VV	2899	40415	0.10%	0.012%
44	4.930	4.914	4.947	VV	2490	36360	0.09%	0.011%
45	4.965	4.947	4.980	VV	8494	84447	0.21%	0.025%
46	4.993	4.980	5.008	VV	5146	53316	0.13%	0.016%
47	5.027	5.008	5.038	VV	4082	53295	0.13%	0.016%
48	5.048	5.038	5.062	VV	4444	49562	0.12%	0.015%
49	5.071	5.062	5.080	VV	2575	25394	0.06%	0.008%
50	5.100	5.080	5.116	VV	9770	109106	0.27%	0.033%
51	5.144	5.116	5.166	VV	7918	129736	0.32%	0.039%
52	5.198	5.166	5.239	VV	9655	192808	0.48%	0.058%
53	5.263	5.239	5.282	VV	5258	64226	0.16%	0.019%
54	5.299	5.282	5.321	VV	2615	34543	0.09%	0.010%
55	5.358	5.321	5.373	VV	6840	82338	0.21%	0.025%
56	5.391	5.373	5.418	VV	14090	200971	0.50%	0.060%
57	5.436	5.418	5.457	VV	11060	148246	0.37%	0.044%
58	5.472	5.457	5.486	VV	10943	112100	0.28%	0.033%
59	5.502	5.486	5.545	VV	11098	145853	0.36%	0.044%
60	5.560	5.545	5.583	VV	1141	14282	0.04%	0.004%
61	5.605	5.583	5.617	PV	5250	60800	0.15%	0.018%
62	5.628	5.617	5.650	VV	4412	68914	0.17%	0.021%
63	5.674	5.650	5.689	VV	8872	130854	0.33%	0.039%
64	5.701	5.689	5.719	VV	8351	96556	0.24%	0.029%
65	5.733	5.719	5.745	VV	3195	41228	0.10%	0.012%
66	5.765	5.745	5.784	VV	4881	72348	0.18%	0.022%
67	5.821	5.784	5.876	VV	69267	992732	2.48%	0.296%
68	5.894	5.876	5.932	VV	3864	63095	0.16%	0.019%
69	5.954	5.932	5.966	VV	2302	32836	0.08%	0.010%
70	5.979	5.966	5.991	VV	2089	26519	0.07%	0.008%
71	6.017	5.991	6.063	VV	23688	376893	0.94%	0.113%
72	6.092	6.063	6.101	VV	5538	88163	0.22%	0.026%
73	6.121	6.101	6.163	VV	24748	475585	1.19%	0.142%
74	6.181	6.163	6.200	VV	8958	155277	0.39%	0.046%
75	6.217	6.200	6.236	VV	30342	327545	0.82%	0.098%
76	6.258	6.236	6.281	VV	10456	178734	0.45%	0.053%
77	6.304	6.281	6.327	VV	10911	151169	0.38%	0.045%
78	6.356	6.327	6.380	VV	11785	221709	0.55%	0.066%
79	6.406	6.380	6.429	VV	15324	283778	0.71%	0.085%
80	6.455	6.429	6.476	VV	15876	251508	0.63%	0.075%
81	6.500	6.476	6.523	VV	22814	285586	0.71%	0.085%
82	6.562	6.523	6.578	VV	18623	434805	1.09%	0.130%
83	6.589	6.578	6.615	VV	11795	199394	0.50%	0.060%
84	6.632	6.615	6.649	VV	14150	183871	0.46%	0.055%
85	6.686	6.649	6.709	VV	15705	339885	0.85%	0.101%
86	6.733	6.709	6.749	VV	9292	152355	0.38%	0.045%
87	6.790	6.749	6.821	VV	30129	543518	1.36%	0.162%
88	6.857	6.821	6.908	VV	101866	1370263	3.43%	0.409%
89	6.950	6.908	6.960	VV	8093	177890	0.44%	0.053%

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90	6.977	6.960	6.995	VV	12931	210149	0.53%	0.063%
91	7.011	6.995	7.031	VV	40619	481871		
92	7.061	7.031	7.101	VV	16800	433047		
93	7.147	7.101	7.168	VV	29297	486934		
94	7.206	7.168	7.240	VV	18526	506305		
95	7.273	7.240	7.298	VV	78072	968137		
96	7.311	7.298	7.322	VV	10079	120309	0.30%	0.036%
97	7.344	7.322	7.357	VV	12922	214862	0.54%	0.064%
98	7.393	7.357	7.416	VV	26566	595962	1.49%	0.178%
99	7.437	7.416	7.460	VV	36260	513368	1.28%	0.153%
100	7.480	7.460	7.491	VV	27938	356892	0.89%	0.107%
101	7.508	7.491	7.527	VV	51489	697774	1.74%	0.208%
102	7.538	7.527	7.562	VV	24744	342033	0.86%	0.102%
103	7.583	7.562	7.625	VV	47386	784145	1.96%	0.234%
104	7.644	7.625	7.668	VV	23368	392013	0.98%	0.117%
105	7.686	7.668	7.704	VV	17466	252571	0.63%	0.075%
106	7.726	7.704	7.750	VV	11609	295225	0.74%	0.088%
107	7.809	7.750	7.838	VV	159927	2702208	6.76%	0.807%
108	7.854	7.838	7.872	VV	26377	392356	0.98%	0.117%
109	7.886	7.872	7.921	VV	17840	453058	1.13%	0.135%
110	7.934	7.921	7.959	VV	12802	257037	0.64%	0.077%
111	7.989	7.959	8.031	VV	47444	1053994	2.63%	0.315%
112	8.045	8.031	8.062	VV	18121	246769	0.62%	0.074%
113	8.089	8.062	8.101	VV	14631	257817	0.64%	0.077%
114	8.184	8.171	8.198	VV	18760	255420	0.64%	0.076%
115	8.207	8.198	8.226	VV	14407	235038	0.59%	0.070%
116	8.271	8.226	8.284	VV	27376	783498	1.96%	0.234%
117	8.297	8.284	8.316	VV	27615	403530	1.01%	0.120%
118	8.339	8.316	8.361	VV	35923	560011	1.40%	0.167%
119	8.387	8.361	8.410	VV	40281	676246	1.69%	0.202%
120	8.434	8.410	8.476	VV	55679	1311859	3.28%	0.392%
121	8.514	8.476	8.561	VV	67766	1331720	3.33%	0.398%
122	8.579	8.561	8.590	VV	15137	250207	0.63%	0.075%
123	8.628	8.590	8.642	VV	36620	835112	2.09%	0.249%
124	8.655	8.642	8.669	VV	33443	430751	1.08%	0.129%
125	8.695	8.669	8.728	VV	185059	2575289	6.44%	0.769%
126	8.741	8.728	8.762	VV	31979	472545	1.18%	0.141%
127	8.808	8.762	8.829	VV	30791	890245	2.23%	0.266%
128	8.868	8.829	8.881	VV	41168	757605	1.89%	0.226%
129	8.892	8.881	8.906	VV	30380	375996	0.94%	0.112%
130	8.927	8.906	8.963	VV	42143	868683	2.17%	0.259%
131	9.062	9.045	9.088	VV	29571	654412	1.64%	0.195%
132	9.105	9.088	9.114	VV	32359	468908	1.17%	0.140%
133	9.121	9.114	9.134	VV	31554	341338	0.85%	0.102%
134	9.160	9.134	9.179	VV	38768	918392	2.30%	0.274%
135	9.189	9.179	9.211	VV	33480	524068	1.31%	0.156%
136	9.237	9.211	9.265	VV	101814	1574705	3.94%	0.470%
137	9.290	9.265	9.308	VV	32688	598701	1.50%	0.179%
138	9.319	9.308	9.336	VV	20798	326183	0.82%	0.097%
139	9.356	9.336	9.376	VV	29400	545464	1.36%	0.163%
140	9.389	9.376	9.422	VV	24206	559511	1.40%	0.167%
141	9.432	9.422	9.440	VV	16052	169835	0.42%	0.051%

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142	9.475	9.440	9.493	VV	26638	670416	1.68%	0.200%
143	9.527	9.493	9.554	VV	221914	2771474	6.12%	0.200%
144	9.570	9.554	9.595	VV	28812	549570	1.85%	0.200%
145	9.612	9.595	9.647	VV	24559	617834	1.78%	0.200%
146	9.686	9.647	9.705	VV	23147	639596	1.78%	0.200%
147	9.721	9.705	9.748	VV	18957	430566	1.78%	0.200%
148	9.765	9.748	9.785	VV	23426	418203	1.05%	0.125%
149	9.823	9.785	9.842	VV	29200	710464	1.78%	0.212%
150	9.856	9.842	9.879	VV	19672	387040	0.97%	0.116%
151	9.906	9.879	9.960	VV	49885	1343057	3.36%	0.401%
152	9.989	9.960	10.015	VV	40549	918938	2.30%	0.274%
153	10.034	10.015	10.053	VV	35483	578973	1.45%	0.173%
154	10.066	10.053	10.073	VV	22455	248909	0.62%	0.074%
155	10.089	10.073	10.122	VV	35118	662007	1.66%	0.198%
156	10.149	10.122	10.165	VV	18709	408680	1.02%	0.122%
157	10.185	10.165	10.211	VV	41885	685503	1.71%	0.205%
158	10.232	10.211	10.240	VV	20891	322320	0.81%	0.096%
159	10.270	10.240	10.287	VV	29529	708394	1.77%	0.211%
160	10.312	10.287	10.361	VV	198246	2737848	6.84%	0.817%
161	10.397	10.361	10.407	VV	17332	452063	1.13%	0.135%
162	10.418	10.407	10.465	VV	18406	482102	1.21%	0.144%
163	10.494	10.465	10.556	VV	17842	726971	1.82%	0.217%
164	10.590	10.556	10.611	VV	16469	431415	1.08%	0.129%
165	10.659	10.611	10.675	VV	30104	697721	1.74%	0.208%
166	10.702	10.675	10.733	VV	88454	1519169	3.80%	0.454%
167	10.755	10.733	10.776	VV	26971	590730	1.48%	0.176%
168	10.792	10.776	10.820	VV	36728	611106	1.53%	0.182%
169	10.844	10.820	10.880	VV	36099	738789	1.85%	0.221%
170	10.908	10.880	10.920	VV	15115	309371	0.77%	0.092%
171	10.973	10.920	11.017	VV	21986	984075	2.46%	0.294%
172	11.054	11.017	11.092	VV	192258	2646884	6.62%	0.790%
173	11.127	11.092	11.165	VV	109103	1972180	4.93%	0.589%
174	11.180	11.165	11.210	VV	18566	418242	1.05%	0.125%
175	11.226	11.210	11.238	VV	13201	192981	0.48%	0.058%
176	11.267	11.238	11.293	VV	14323	416652	1.04%	0.124%
177	11.322	11.293	11.355	VV	21849	584669	1.46%	0.175%
178	11.396	11.355	11.415	VV	26208	720438	1.80%	0.215%
179	11.449	11.415	11.490	VV	33881	954032	2.39%	0.285%
180	11.511	11.490	11.539	VV	23273	455353	1.14%	0.136%
181	11.565	11.539	11.600	VV	19929	489001	1.22%	0.146%
182	11.631	11.600	11.653	VV	13382	353664	0.88%	0.106%
183	11.682	11.653	11.701	VV	14901	357791	0.89%	0.107%
184	11.718	11.701	11.731	VV	14089	233468	0.58%	0.070%
185	11.761	11.731	11.786	VV	158993	2006149	5.02%	0.599%
186	11.799	11.786	11.824	VV	15307	322457	0.81%	0.096%
187	11.853	11.824	11.903	VV	61194	1139620	2.85%	0.340%
188	11.920	11.903	11.941	VV	11684	216079	0.54%	0.065%
189	11.961	11.941	11.990	VV	10998	273411	0.68%	0.082%
190	12.009	11.990	12.034	VV	11818	283728	0.71%	0.085%
191	12.090	12.034	12.140	VV	388340	4776463	11.94%	1.426%
192	12.161	12.140	12.181	VV	24537	410211	1.03%	0.122%
193	12.196	12.181	12.222	VV	15688	286451	0.72%	0.086%
194	12.247	12.222	12.265	VV	18722	325577	0.81%	0.097%

195	12.280	12.265	12.296	VV	12617	191576	0.48%	0.057%
196	12.319	12.296	12.350	VV	16804	356367		
197	12.369	12.350	12.388	VV	8510	176838		
198	12.435	12.388	12.460	VV	127573	1885843		
199	12.489	12.460	12.521	VV	588167	6792251	16.44%	0.057%
200	12.537	12.521	12.615	VV	9406	355387		
201	12.635	12.615	12.651	VV	7023	114622	0.29%	0.034%
202	12.681	12.651	12.698	VV	31500	431554	1.08%	0.129%
203	12.708	12.698	12.730	VV	12187	193854	0.48%	0.058%
204	12.742	12.730	12.760	VV	9363	137414	0.34%	0.041%
205	12.777	12.760	12.786	VV	7945	104063	0.26%	0.031%
206	12.813	12.786	12.834	VV	12903	287768	0.72%	0.086%
207	12.850	12.834	12.882	VV	14469	254531	0.64%	0.076%
208	12.901	12.882	12.914	VV	10504	144790	0.36%	0.043%
209	12.927	12.914	12.976	VV	9725	268326	0.67%	0.080%
210	13.001	12.976	13.019	VV	8320	165403	0.41%	0.049%
211	13.038	13.019	13.051	VV	12116	174079	0.44%	0.052%
212	13.077	13.051	13.118	VV	109855	1418895	3.55%	0.424%
213	13.154	13.118	13.211	VV	27419	565480	1.41%	0.169%
214	13.221	13.211	13.243	VV	3448	50840	0.13%	0.015%
215	13.256	13.243	13.271	VV	2156	30513	0.08%	0.009%
216	13.285	13.271	13.310	VV	2835	57892	0.14%	0.017%
217	13.339	13.310	13.387	VV	7231	237664	0.59%	0.071%
218	13.403	13.387	13.424	VV	4706	74222	0.19%	0.022%
219	13.456	13.424	13.478	VV	25543	382396	0.96%	0.114%
220	13.530	13.478	13.558	VV	2306277	39999878	100.00%	11.942%
221	13.580	13.558	13.599	VV	1325116	15581955	38.96%	4.652%
222	13.607	13.599	13.655	VV	129488	1424014	3.56%	0.425%
223	13.694	13.655	13.719	VV	78386	1058385	2.65%	0.316%
224	13.748	13.719	13.776	VV	255516	3125098	7.81%	0.933%
225	13.788	13.776	13.841	VV	10810	236552	0.59%	0.071%
226	13.856	13.841	13.871	VV	4085	58405	0.15%	0.017%
227	13.888	13.871	13.896	VV	2531	35314	0.09%	0.011%
228	13.925	13.896	13.945	VV	9740	175170	0.44%	0.052%
229	13.963	13.945	13.989	VV	4713	103593	0.26%	0.031%
230	14.004	13.989	14.017	VV	3766	52250	0.13%	0.016%
231	14.045	14.017	14.101	VV	15881	377446	0.94%	0.113%
232	14.119	14.101	14.142	VV	6997	112956	0.28%	0.034%
233	14.163	14.142	14.185	VV	6350	116509	0.29%	0.035%
234	14.202	14.185	14.219	VV	6649	108322	0.27%	0.032%
235	14.238	14.219	14.255	VV	5258	92245	0.23%	0.028%
236	14.280	14.255	14.305	VV	55000	740769	1.85%	0.221%
237	14.328	14.305	14.354	VV	11342	246373	0.62%	0.074%
238	14.374	14.354	14.468	VV	9254	262133	0.66%	0.078%
239	14.507	14.468	14.539	PV	7144	191147	0.48%	0.057%
240	14.565	14.539	14.574	VV	9566	141073	0.35%	0.042%
241	14.584	14.574	14.628	VV	9665	168324	0.42%	0.050%
242	14.694	14.628	14.714	VV	7264	270033	0.68%	0.081%
243	14.736	14.714	14.755	VV	13826	215929	0.54%	0.064%
244	14.771	14.755	14.820	VV	7781	223514	0.56%	0.067%
245	14.844	14.820	14.871	VV	42206	538987	1.35%	0.161%
246	14.902	14.871	14.943	VV	32657	521798	1.30%	0.156%

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rteres									
247	14.966	14.943	15.002	VV	10083	189268	0.47%	0.057%	
248	15.030	15.002	15.055	VV	5630	116267			
249	15.066	15.055	15.085	VV	3314	43609			
250	15.099	15.085	15.137	VV	2762	57404			
251	15.158	15.137	15.178	VV	3377	51290			
252	15.195	15.178	15.211	VV	2571	32496			
253	15.222	15.211	15.227	VV	1720	16274	0.04%	0.005%	
254	15.243	15.227	15.259	VV	2695	32406	0.08%	0.010%	
255	15.285	15.259	15.304	VV	1993	34437	0.09%	0.010%	
256	15.342	15.304	15.359	VV	17499	238693	0.60%	0.071%	
257	15.385	15.359	15.414	VV	49071	668679	1.67%	0.200%	
258	15.439	15.414	15.459	VV	4540	73672	0.18%	0.022%	
259	15.501	15.459	15.527	VV	4298	133845	0.33%	0.040%	
260	15.544	15.527	15.559	VV	3242	48259	0.12%	0.014%	
261	15.579	15.559	15.617	VV	3822	73486	0.18%	0.022%	
262	15.658	15.617	15.679	PV	4221	89696	0.22%	0.027%	
263	15.720	15.679	15.745	VV	2657	70069	0.18%	0.021%	
264	15.776	15.745	15.850	VV	15935	395261	0.99%	0.118%	
265	15.862	15.850	15.880	VV	2739	26479	0.07%	0.008%	
266	15.909	15.880	15.938	PV	22689	340051	0.85%	0.102%	
267	15.968	15.938	16.001	VV	20593	324423	0.81%	0.097%	
268	16.017	16.001	16.038	VV	7995	103719	0.26%	0.031%	
269	16.057	16.038	16.098	VV	5366	83308	0.21%	0.025%	
270	16.141	16.098	16.151	VV	1799	30154	0.08%	0.009%	
271	16.181	16.151	16.203	VV	5380	102768	0.26%	0.031%	
272	16.220	16.203	16.248	VV	1965	40973	0.10%	0.012%	
273	16.257	16.248	16.268	VV	1380	10921	0.03%	0.003%	
274	16.313	16.268	16.335	PV	2335	54999	0.14%	0.016%	
275	16.351	16.335	16.365	VV	2978	42759	0.11%	0.013%	
276	16.379	16.365	16.387	VV	3213	34942	0.09%	0.010%	
277	16.412	16.387	16.438	VV	21826	313593	0.78%	0.094%	
278	16.465	16.438	16.511	VV	6705	144026	0.36%	0.043%	
279	16.616	16.511	16.661	PV	5110	142468	0.36%	0.043%	
280	16.724	16.661	16.752	PV	4906	130300	0.33%	0.039%	
281	16.827	16.752	16.851	VV	6027	158306	0.40%	0.047%	
282	16.903	16.851	16.945	VV	33459	715763	1.79%	0.214%	
283	16.956	16.945	16.985	VV	9477	137425	0.34%	0.041%	
284	17.042	16.985	17.065	VV	9960	253199	0.63%	0.076%	
285	17.128	17.065	17.163	VV	5956	269951	0.67%	0.081%	
286	17.201	17.163	17.212	VV	6551	128619	0.32%	0.038%	
287	17.234	17.212	17.267	VV	17318	290251	0.73%	0.087%	
288	17.292	17.267	17.315	VV	16827	236741	0.59%	0.071%	
289	17.366	17.315	17.385	VV	26472	478514	1.20%	0.143%	
290	17.399	17.385	17.428	VV	13625	261329	0.65%	0.078%	
291	17.441	17.428	17.465	VV	8297	134479	0.34%	0.040%	
292	17.475	17.465	17.491	VV	5083	72431	0.18%	0.022%	
293	17.549	17.491	17.571	VV	8112	276650	0.69%	0.083%	
294	17.605	17.571	17.615	VV	10361	203324	0.51%	0.061%	
295	17.635	17.615	17.672	VV	11914	324236	0.81%	0.097%	
296	17.699	17.672	17.731	VV	18065	404018	1.01%	0.121%	
297	17.815	17.731	17.841	VV	39979	1091852	2.73%	0.326%	
298	17.870	17.841	17.888	VV	13853	290397	0.73%	0.087%	
299	17.906	17.888	17.925	VV	13163	226566	0.57%	0.068%	

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300	17.954	17.925	17.984	VV	17708	444774	1.11%	0.133%
301	18.009	17.984	18.054	VV	15187	464296		
302	18.098	18.054	18.127	VV	14074	478549		
303	18.182	18.127	18.205	VV	17413	612429		
304	18.256	18.205	18.300	VV	52034	1371930		
305	18.338	18.300	18.371	VV	16460	611175		
306	18.424	18.371	18.446	VV	45831	1223202	3.06%	0.365%
307	18.458	18.446	18.490	VV	28427	606498	1.52%	0.181%
308	18.531	18.490	18.555	VV	20357	698975	1.75%	0.209%
309	18.627	18.555	18.647	VV	29564	1289553	3.22%	0.385%
310	18.679	18.647	18.711	VV	60189	1379527	3.45%	0.412%
311	18.739	18.711	18.748	VV	24636	487761	1.22%	0.146%
312	18.796	18.748	18.883	VV	52302	2572451	6.43%	0.768%
313	18.934	18.883	18.998	VV	36978	2135341	5.34%	0.637%
314	19.012	18.998	19.042	VV	31818	768671	1.92%	0.229%
315	19.094	19.042	19.131	VV	65148	2232844	5.58%	0.667%
316	19.218	19.131	19.241	VV	59229	2587654	6.47%	0.773%
317	19.266	19.241	19.325	VV	56101	2238262	5.60%	0.668%
318	19.362	19.325	19.371	VV	46687	1200599	3.00%	0.358%
319	19.394	19.371	19.418	VV	47984	1295959	3.24%	0.387%
320	19.492	19.418	19.521	VV	79193	3397044	8.49%	1.014%
321	19.548	19.521	19.585	VV	63640	2074500	5.19%	0.619%
322	19.615	19.585	19.658	VV	65081	2543108	6.36%	0.759%
323	19.664	19.658	19.673	VV	56535	498868	1.25%	0.149%
324	19.691	19.673	19.709	VV	59441	1201948	3.00%	0.359%
325	19.734	19.709	19.748	VV	60291	1371189	3.43%	0.409%
326	19.751	19.748	19.758	VV	58038	346720	0.87%	0.104%
327	19.790	19.758	19.815	VV	64014	2043103	5.11%	0.610%
328	19.826	19.815	19.845	VV	63256	1073781	2.68%	0.321%
329	19.880	19.845	19.908	VV	87909	2803397	7.01%	0.837%
330	19.933	19.908	19.978	VV	79243	2931826	7.33%	0.875%
331	19.997	19.978	20.006	VV	79308	1266598	3.17%	0.378%
332	20.024	20.006	20.071	VV	85974	2981259	7.45%	0.890%
333	20.166	20.071	20.181	VV	84233	5176086	12.94%	1.545%
334	20.197	20.181	20.208	VV	82822	1277218	3.19%	0.381%
335	20.256	20.208	20.285	VV	120158	4375275	10.94%	1.306%
336	20.324	20.285	20.355	VV	100799	3922024	9.81%	1.171%
337	20.372	20.355	20.387	VV	94252	1692518	4.23%	0.505%
338	20.397	20.387	20.405	VV	91855	990664	2.48%	0.296%
339	20.441	20.405	20.463	VV	102550	3405185	8.51%	1.017%
340	20.491	20.463	20.511	VV	105190	2902562	7.26%	0.867%
341	20.552	20.511	20.585	VV	122165	4805355	12.01%	1.435%
342	20.624	20.585	20.651	VV	125214	4480702	11.20%	1.338%
343	20.710	20.651	20.755	VV	120811	6904587	17.26%	2.061%
344	20.795	20.755	20.817	VV	117582	4150880	10.38%	1.239%
345	20.854	20.817	20.891	VV	118674	4759862	11.90%	1.421%
346	20.898	20.891	20.941	VV	104588	3059991	7.65%	0.914%
347	20.948	20.941	20.967	VV	102966	1542792	3.86%	0.461%
348	20.993	20.967	21.038	VV	114877	4538086	11.35%	1.355%
349	21.060	21.038	21.100	VV	103600	3613878	9.03%	1.079%
350	21.124	21.100	21.155	VV	97782	3098640	7.75%	0.925%
351	21.158	21.155	21.223	VV	96017	3664861	9.16%	1.094%

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rteres									
352	21.244	21.223	21.278	VV	89977	2841023	7.10%	0.848%	
353	21.285	21.278	21.301	VV	85103	1183669			
354	21.321	21.301	21.350	VV	89075	2477499			
355	21.365	21.350	21.380	VV	83195	1439732			
356	21.404	21.380	21.455	VV	90945	3622709			
357	21.481	21.455	21.491	VV	75018	1562124			
358	21.500	21.491	21.545	VV	70186	2191328	5.48%	0.654%	
359	21.562	21.545	21.571	VV	70282	1073726	2.68%	0.321%	
360	21.588	21.571	21.612	VV	70947	1668053	4.17%	0.498%	
361	21.621	21.612	21.665	VV	67364	2026407	5.07%	0.605%	
362	21.674	21.665	21.705	VV	66607	1481295	3.70%	0.442%	
363	21.719	21.705	21.741	VV	62540	1317234	3.29%	0.393%	
364	21.761	21.741	21.787	VV	57688	1529901	3.82%	0.457%	
365	21.797	21.787	21.828	VV	55620	1257155	3.14%	0.375%	
366	21.834	21.828	21.848	VV	51732	601700	1.50%	0.180%	
367	21.876	21.848	21.941	VV	62218	2824158	7.06%	0.843%	
368	21.987	21.941	21.998	VV	46604	1491681	3.73%	0.445%	
369	22.006	21.998	22.035	VV	44026	927634	2.32%	0.277%	
370	22.038	22.035	22.071	VV	44674	828575	2.07%	0.247%	
371	22.084	22.071	22.101	VV	37239	628217	1.57%	0.188%	
372	22.119	22.101	22.128	VV	34751	541533	1.35%	0.162%	
373	22.136	22.128	22.158	VV	38298	588910	1.47%	0.176%	
374	22.174	22.158	22.256	VV	30028	1558494	3.90%	0.465%	
375	22.271	22.256	22.281	VV	26362	354634	0.89%	0.106%	
376	22.313	22.281	22.353	VV	24033	933830	2.33%	0.279%	
377	22.385	22.353	22.393	VV	24518	520046	1.30%	0.155%	
378	22.407	22.393	22.456	VV	30852	849371	2.12%	0.254%	
379	22.468	22.456	22.484	VV	17890	248507	0.62%	0.074%	
380	22.494	22.484	22.508	VV	14269	166072	0.42%	0.050%	
381	22.516	22.508	22.543	VV	12896	234121	0.59%	0.070%	
382	22.557	22.543	22.569	VV	12036	170146	0.43%	0.051%	
383	22.579	22.569	22.613	VV	10457	181884	0.45%	0.054%	

Sum of corrected areas: 334960602

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