

Instrument :
FID_E
ClientSampleId :
314

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE
Data File : FE056293.D
Signal(s) : FID1B.ch
Acq On : 10 Oct 2025 08:36
Sample : Q3315-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.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	2.818	2.804	2.916	PH	24711	362864	0.58%	0.011%
2	2.953	2.916	2.995	PV	958	15281	0.02%	0.000%
3	3.039	2.995	3.064	PV	962	12509	0.02%	0.000%
4	3.097	3.064	3.171	VV	12834	143714	0.23%	0.004%
5	3.187	3.171	3.248	VV	500	10529	0.02%	0.000%
6	3.275	3.248	3.310	VV	218	4913	0.01%	0.000%
7	3.328	3.310	3.342	VV	127	1854	0.00%	0.000%
8	3.405	3.342	3.445	VV	2415	36045	0.06%	0.001%
9	3.462	3.445	3.504	VV	306	7287	0.01%	0.000%
10	3.520	3.504	3.544	VV	372	6827	0.01%	0.000%
11	3.553	3.544	3.574	VV	288	3460	0.01%	0.000%
12	3.585	3.574	3.601	VV	266	3245	0.01%	0.000%
13	3.621	3.601	3.631	VV	301	4235	0.01%	0.000%
14	3.644	3.631	3.677	VV	307	5955	0.01%	0.000%
15	3.686	3.677	3.704	VV	204	3000	0.00%	0.000%
16	3.722	3.704	3.784	VV	463	12271	0.02%	0.000%
17	3.796	3.784	3.822	VV	281	4655	0.01%	0.000%
18	3.855	3.822	3.865	VV	553	7937	0.01%	0.000%
19	3.874	3.865	3.903	VV	569	9247	0.01%	0.000%
20	3.916	3.903	3.952	VV	363	7298	0.01%	0.000%
21	3.960	3.952	3.969	VV	150	1341	0.00%	0.000%
22	3.995	3.969	4.035	VV	708	12729	0.02%	0.000%
23	4.057	4.035	4.069	VV	171	2487	0.00%	0.000%
24	4.107	4.069	4.157	PV	763	13821	0.02%	0.000%
25	4.204	4.157	4.220	VV	803	11629	0.02%	0.000%
26	4.234	4.220	4.261	VV	492	6940	0.01%	0.000%
27	4.313	4.261	4.364	VV	468	11787	0.02%	0.000%
28	4.389	4.364	4.423	VV	908	14475	0.02%	0.000%
29	4.441	4.423	4.492	VV	366	9776	0.02%	0.000%
30	4.500	4.492	4.528	VV	120	1346	0.00%	0.000%
31	4.558	4.528	4.587	PV	170	3060	0.00%	0.000%

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32	4.607	4.587	4.638	VV	246	3784	0.01%	0.000%
33	4.663	4.638	4.693	VV	1591	1907		
34	4.705	4.693	4.719	VV	356	348		
35	4.738	4.719	4.760	VV	397	581		
36	4.777	4.760	4.803	VV	1055	1105		
37	4.827	4.803	4.864	VV	8559	113552	0.18%	0.003%
38	4.885	4.864	4.933	VV	16440	191281	0.31%	0.006%
39	4.949	4.933	4.963	VV	1010	14519	0.02%	0.000%
40	4.977	4.963	4.998	VV	859	15187	0.02%	0.000%
41	5.038	4.998	5.065	VV	1235	33887	0.05%	0.001%
42	5.083	5.065	5.102	VV	972	18672	0.03%	0.001%
43	5.129	5.102	5.148	VV	857	19379	0.03%	0.001%
44	5.180	5.148	5.228	VV	898	26904	0.04%	0.001%
45	5.246	5.228	5.264	VV	432	6621	0.01%	0.000%
46	5.285	5.264	5.301	VV	293	5383	0.01%	0.000%
47	5.319	5.301	5.356	VV	1089	19594	0.03%	0.001%
48	5.375	5.356	5.400	VV	965	15797	0.03%	0.000%
49	5.418	5.400	5.437	VV	1036	14970	0.02%	0.000%
50	5.455	5.437	5.470	VV	910	12727	0.02%	0.000%
51	5.484	5.470	5.525	VV	1100	19111	0.03%	0.001%
52	5.548	5.525	5.567	VV	658	11148	0.02%	0.000%
53	5.587	5.567	5.599	VV	553	8711	0.01%	0.000%
54	5.620	5.599	5.638	VV	601	11618	0.02%	0.000%
55	5.654	5.638	5.666	VV	578	8598	0.01%	0.000%
56	5.680	5.666	5.700	VV	733	11034	0.02%	0.000%
57	5.710	5.700	5.731	VV	353	5062	0.01%	0.000%
58	5.747	5.731	5.772	VV	407	5799	0.01%	0.000%
59	5.803	5.772	5.827	VV	4411	52082	0.08%	0.002%
60	5.841	5.827	5.851	VV	1524	17808	0.03%	0.001%
61	5.860	5.851	5.915	VV	1441	22600	0.04%	0.001%
62	5.933	5.915	5.944	VV	293	3859	0.01%	0.000%
63	5.967	5.944	5.977	VV	474	6502	0.01%	0.000%
64	5.995	5.977	6.041	VV	1397	20656	0.03%	0.001%
65	6.065	6.041	6.088	VV	384	6966	0.01%	0.000%
66	6.117	6.088	6.146	VV	1047	20251	0.03%	0.001%
67	6.170	6.146	6.185	VV	1060	12931	0.02%	0.000%
68	6.195	6.185	6.229	VV	507	10903	0.02%	0.000%
69	6.239	6.229	6.261	VV	459	4670	0.01%	0.000%
70	6.282	6.261	6.311	PV	629	9094	0.01%	0.000%
71	6.343	6.311	6.359	PV	732	12273	0.02%	0.000%
72	6.387	6.359	6.415	VV	3466	54234	0.09%	0.002%
73	6.435	6.415	6.458	VV	2174	29304	0.05%	0.001%
74	6.481	6.458	6.505	VV	2892	34916	0.06%	0.001%
75	6.529	6.505	6.562	VV	3054	63283	0.10%	0.002%
76	6.576	6.562	6.598	VV	977	14368	0.02%	0.000%
77	6.633	6.598	6.647	VV	682	11763	0.02%	0.000%
78	6.667	6.647	6.689	VV	1264	22015	0.04%	0.001%
79	6.723	6.689	6.747	VV	6234	90434	0.14%	0.003%

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80	6.764	6.747	6.778	VV	1462	21889	0.04%	0.001%
81	6.788	6.778	6.801	VV	1026	1135		
82	6.837	6.801	6.884	VV	16000	18721		
83	6.894	6.884	6.904	VV	550	577		
84	6.930	6.904	6.967	VV	1547	3748		
85	6.991	6.967	7.021	VV	5748	79782	0.13%	0.002%
86	7.033	7.021	7.052	VV	1530	22152	0.04%	0.001%
87	7.064	7.052	7.090	VV	1471	17273	0.03%	0.001%
88	7.118	7.090	7.145	VV	1727	32960	0.05%	0.001%
89	7.172	7.145	7.197	PV	3212	50965	0.08%	0.002%
90	7.208	7.197	7.221	VV	1017	9792	0.02%	0.000%
91	7.250	7.221	7.273	VV	2559	35375	0.06%	0.001%
92	7.313	7.273	7.331	PV	1481	27344	0.04%	0.001%
93	7.352	7.331	7.361	VV	5457	56049	0.09%	0.002%
94	7.370	7.361	7.392	VV	5107	59476	0.10%	0.002%
95	7.414	7.392	7.441	VV	6672	88417	0.14%	0.003%
96	7.458	7.441	7.467	VV	7568	75123	0.12%	0.002%
97	7.483	7.467	7.503	VV	19320	227000	0.36%	0.007%
98	7.517	7.503	7.540	VV	8096	92141	0.15%	0.003%
99	7.560	7.540	7.597	VV	7712	100767	0.16%	0.003%
100	7.620	7.597	7.643	VV	13284	146299	0.23%	0.005%
101	7.662	7.643	7.679	VV	3348	42066	0.07%	0.001%
102	7.706	7.679	7.724	VV	1565	30858	0.05%	0.001%
103	7.743	7.724	7.760	VV	2948	40980	0.07%	0.001%
104	7.787	7.760	7.818	VV	39775	449221	0.72%	0.014%
105	7.835	7.818	7.868	VV	1832	39127	0.06%	0.001%
106	7.914	7.868	7.935	VV	3071	78781	0.13%	0.002%
107	7.963	7.935	8.033	VV	6942	171660	0.28%	0.005%
108	8.052	8.033	8.068	PV	2801	36813	0.06%	0.001%
109	8.108	8.068	8.152	VV	41941	588579	0.94%	0.018%
110	8.177	8.152	8.200	VV	5982	110087	0.18%	0.003%
111	8.228	8.200	8.238	VV	9455	135987	0.22%	0.004%
112	8.250	8.238	8.263	VV	10381	131372	0.21%	0.004%
113	8.275	8.263	8.296	VV	10712	150278	0.24%	0.005%
114	8.317	8.296	8.340	VV	9947	165155	0.26%	0.005%
115	8.365	8.340	8.389	VV	14043	254060	0.41%	0.008%
116	8.420	8.389	8.449	VV	12575	311771	0.50%	0.010%
117	8.490	8.449	8.528	VV	15532	466976	0.75%	0.014%
118	8.547	8.528	8.566	VV	9911	212832	0.34%	0.007%
119	8.603	8.566	8.619	VV	15831	375257	0.60%	0.012%
120	8.672	8.619	8.705	VV	42243	1048008	1.68%	0.032%
121	8.719	8.705	8.732	VV	15425	233395	0.37%	0.007%
122	8.807	8.732	8.828	VV	44642	1324008	2.12%	0.041%
123	8.838	8.828	8.855	VV	29420	437096	0.70%	0.013%
124	8.865	8.855	8.877	VV	24800	309144	0.50%	0.010%
125	8.898	8.877	8.932	VV	29166	848069	1.36%	0.026%
126	8.994	8.932	9.014	VV	43691	1503673	2.41%	0.046%

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127	9.038	9.014	9.053	VV	37054	763902	1.22%	0.024%
128	9.081	9.053	9.101	VV	43561	113035		
129	9.142	9.101	9.160	VV	64131	173042		
130	9.177	9.160	9.191	VV	55316	97762		
131	9.209	9.191	9.233	VV	68083	139075		
132	9.301	9.233	9.322	VV	58627	2818455	4.52%	0.087%
133	9.369	9.322	9.393	VV	70242	2590713	4.15%	0.080%
134	9.450	9.393	9.480	VV	71345	3430218	5.50%	0.106%
135	9.502	9.480	9.522	VV	86691	1869530	3.00%	0.058%
136	9.558	9.522	9.571	VV	77394	2164204	3.47%	0.067%
137	9.593	9.571	9.623	VV	87988	2515117	4.03%	0.077%
138	9.642	9.623	9.653	VV	85877	1492187	2.39%	0.046%
139	9.663	9.653	9.681	VV	87011	1373615	2.20%	0.042%
140	9.719	9.681	9.730	VV	98396	2524495	4.05%	0.078%
141	9.745	9.730	9.776	VV	98524	2583375	4.14%	0.080%
142	9.795	9.776	9.809	VV	100520	1942328	3.11%	0.060%
143	9.856	9.809	9.867	VV	114042	3508070	5.62%	0.108%
144	9.906	9.867	9.940	VV	141276	5361102	8.59%	0.165%
145	9.965	9.940	10.001	VV	122078	4245103	6.80%	0.131%
146	10.027	10.001	10.051	VV	127018	3691184	5.92%	0.114%
147	10.067	10.051	10.094	VV	131995	3211089	5.15%	0.099%
148	10.148	10.094	10.178	VV	132185	6323267	10.13%	0.195%
149	10.208	10.178	10.224	VV	147728	3819120	6.12%	0.118%
150	10.252	10.224	10.274	VV	156945	4366963	7.00%	0.135%
151	10.292	10.274	10.326	VV	178813	4918028	7.88%	0.152%
152	10.349	10.326	10.359	VV	151837	2930468	4.70%	0.090%
153	10.383	10.359	10.432	VV	165149	6793377	10.89%	0.209%
154	10.470	10.432	10.514	VV	164208	7630397	12.23%	0.235%
155	10.538	10.514	10.551	VV	163523	3502226	5.61%	0.108%
156	10.566	10.551	10.586	VV	169742	3399121	5.45%	0.105%
157	10.610	10.586	10.624	VV	171578	3819203	6.12%	0.118%
158	10.639	10.624	10.658	VV	178907	3601206	5.77%	0.111%
159	10.685	10.658	10.709	VV	215248	5759791	9.23%	0.177%
160	10.736	10.709	10.761	VV	199123	5788596	9.28%	0.178%
161	10.770	10.761	10.797	VV	192048	4046482	6.49%	0.125%
162	10.833	10.797	10.863	VV	204536	7312308	11.72%	0.225%
163	10.885	10.863	10.898	VV	177460	3742595	6.00%	0.115%
164	10.948	10.898	10.998	VV	197896	10965202	17.57%	0.338%
165	11.033	10.998	11.057	VV	264640	7498950	12.02%	0.231%
166	11.105	11.057	11.128	VV	239977	9002112	14.43%	0.277%
167	11.148	11.128	11.188	VV	216284	7304341	11.71%	0.225%
168	11.205	11.188	11.221	VV	188938	3651116	5.85%	0.112%
169	11.243	11.221	11.256	VV	197570	3970277	6.36%	0.122%
170	11.299	11.256	11.335	VV	261401	10295056	16.50%	0.317%
171	11.364	11.335	11.400	VV	214828	7983539	12.79%	0.246%
172	11.431	11.400	11.476	VV	247893	9749569	15.62%	0.300%
173	11.492	11.476	11.505	VV	205982	3471581	5.56%	0.107%
174	11.545	11.505	11.560	VV	221853	6950952	11.14%	0.214%

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175	11.576	11.560	11.634	VV	214811	9138260	14.65%	0.282%
176	11.674	11.634	11.707	VV	214268	903903		
177	11.740	11.707	11.768	VV	299091	850834		
178	11.786	11.768	11.800	VV	214859	407152		
179	11.831	11.800	11.861	VV	277567	859474		
180	11.866	11.861	11.883	VV	211897	2687367	4.31%	0.083%
181	11.902	11.883	11.920	VV	204519	4447316	7.13%	0.137%
182	11.940	11.920	11.958	VV	200055	4349717	6.97%	0.134%
183	12.063	11.958	12.084	VV	277058	16897898	27.08%	0.521%
184	12.102	12.084	12.117	VV	221646	4310180	6.91%	0.133%
185	12.140	12.117	12.161	VV	240534	5919498	9.49%	0.182%
186	12.177	12.161	12.204	VV	228338	5730039	9.18%	0.177%
187	12.227	12.204	12.248	VV	252442	6009536	9.63%	0.185%
188	12.257	12.248	12.279	VV	228017	4219755	6.76%	0.130%
189	12.295	12.279	12.311	VV	227652	4234029	6.79%	0.130%
190	12.327	12.311	12.344	VV	227341	4447120	7.13%	0.137%
191	12.414	12.344	12.439	VV	342435	14393202	23.07%	0.443%
192	12.456	12.439	12.468	VV	249136	4224079	6.77%	0.130%
193	12.500	12.468	12.591	VV	258539	17957215	28.78%	0.553%
194	12.644	12.591	12.664	VV	241053	10281151	16.48%	0.317%
195	12.690	12.664	12.714	VV	309400	8412547	13.48%	0.259%
196	12.726	12.714	12.741	VV	284799	4423905	7.09%	0.136%
197	12.758	12.741	12.771	VV	286002	4848450	7.77%	0.149%
198	12.794	12.771	12.814	VV	308937	7341601	11.77%	0.226%
199	12.829	12.814	12.863	VV	320581	8569041	13.73%	0.264%
200	12.882	12.863	12.900	VV	325112	6536932	10.48%	0.201%
201	12.922	12.900	12.931	VV	291011	5364701	8.60%	0.165%
202	12.937	12.931	12.958	VV	288585	4538991	7.27%	0.140%
203	12.978	12.958	13.017	VV	325115	11042806	17.70%	0.340%
204	13.059	13.017	13.078	VV	468149	13225597	21.20%	0.408%
205	13.090	13.078	13.106	VV	371513	6167995	9.89%	0.190%
206	13.131	13.106	13.167	VV	453454	14010864	22.45%	0.432%
207	13.206	13.167	13.227	VV	361065	12478855	20.00%	0.385%
208	13.246	13.227	13.268	VV	337742	8075556	12.94%	0.249%
209	13.318	13.268	13.370	VV	494174	25672428	41.14%	0.791%
210	13.385	13.370	13.403	VV	457132	8374728	13.42%	0.258%
211	13.428	13.403	13.443	VV	495056	10732379	17.20%	0.331%
212	13.457	13.443	13.472	VV	490758	7909853	12.68%	0.244%
213	13.510	13.472	13.532	VV	533086	16758080	26.86%	0.516%
214	13.561	13.532	13.588	VV	512267	15578091	24.97%	0.480%
215	13.611	13.588	13.632	VV	477347	12396117	19.87%	0.382%
216	13.679	13.632	13.693	VV	573868	18206647	29.18%	0.561%
217	13.704	13.693	13.722	VV	548733	9204087	14.75%	0.284%
218	13.748	13.722	13.801	VV	597774	25376314	40.67%	0.782%
219	13.815	13.801	13.831	VV	492833	8564449	13.73%	0.264%
220	13.849	13.831	13.874	VV	495086	12473732	19.99%	0.384%
221	13.916	13.874	13.942	VV	733641	24639888	39.49%	0.759%

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222	13.955	13.942	13.975	VV	640949	11887838	19.05%	0.366%
223	13.989	13.975	14.011	VV	612972	1251163		
224	14.027	14.011	14.046	VV	627522	1206651		
225	14.062	14.046	14.086	VV	589542	1370882		
226	14.110	14.086	14.141	VV	698501	2031926		
227	14.177	14.141	14.220	VV	645374	28537099	45.73%	0.879%
228	14.280	14.220	14.308	VV	674345	32628711	52.29%	1.005%
229	14.329	14.308	14.381	VV	749768	29147615	46.71%	0.898%
230	14.387	14.381	14.398	VV	607178	5952914	9.54%	0.183%
231	14.409	14.398	14.434	VV	591206	12679797	20.32%	0.391%
232	14.496	14.434	14.551	VV	862782	48212088	77.27%	1.486%
233	14.567	14.551	14.588	VV	722354	15039692	24.10%	0.463%
234	14.604	14.588	14.620	VV	671459	12292231	19.70%	0.379%
235	14.631	14.620	14.645	VV	630764	9176697	14.71%	0.283%
236	14.687	14.645	14.721	VV	751805	31288225	50.14%	0.964%
237	14.746	14.721	14.784	VV	691496	25533976	40.92%	0.787%
238	14.802	14.784	14.820	VV	665521	13817285	22.14%	0.426%
239	14.840	14.820	14.873	VV	722663	21539623	34.52%	0.664%
240	14.898	14.873	14.946	VV	808267	31573730	50.60%	0.973%
241	14.964	14.946	14.998	VV	700516	20404326	32.70%	0.629%
242	15.006	14.998	15.012	VV	615981	5239744	8.40%	0.161%
243	15.043	15.012	15.079	VV	857467	30380247	48.69%	0.936%
244	15.089	15.079	15.106	VV	762476	11985212	19.21%	0.369%
245	15.118	15.106	15.141	VV	748698	15004644	24.05%	0.462%
246	15.156	15.141	15.177	VV	724859	14508925	23.25%	0.447%
247	15.236	15.177	15.253	VV	800342	31974657	51.24%	0.985%
248	15.275	15.253	15.290	VV	740445	16360775	26.22%	0.504%
249	15.305	15.290	15.334	VV	736218	18442185	29.56%	0.568%
250	15.347	15.334	15.359	VV	704807	10547534	16.90%	0.325%
251	15.382	15.359	15.408	VV	762087	20966278	33.60%	0.646%
252	15.435	15.408	15.502	VV	839121	41972312	67.27%	1.293%
253	15.521	15.502	15.544	VV	727013	17641493	28.27%	0.544%
254	15.577	15.544	15.611	VV	876667	30901546	49.52%	0.952%
255	15.627	15.611	15.671	VV	782573	26962757	43.21%	0.831%
256	15.689	15.671	15.701	VV	724757	12464872	19.98%	0.384%
257	15.770	15.701	15.787	VV	795249	38216791	61.25%	1.178%
258	15.827	15.787	15.854	VV	813665	30756327	49.29%	0.948%
259	15.869	15.854	15.883	VV	743144	12427319	19.92%	0.383%
260	15.919	15.883	15.938	VV	1016734	28157437	45.13%	0.868%
261	15.953	15.938	16.028	VV	900902	42091731	67.46%	1.297%
262	16.087	16.028	16.114	VV	875371	39062103	62.60%	1.204%
263	16.124	16.114	16.189	VV	797848	34049940	54.57%	1.049%
264	16.228	16.189	16.244	VV	799734	25876852	41.47%	0.797%
265	16.294	16.244	16.314	VV	809033	33196181	53.20%	1.023%
266	16.332	16.314	16.355	VV	796670	18641187	29.87%	0.574%
267	16.378	16.355	16.389	VV	764663	15329186	24.57%	0.472%
268	16.405	16.389	16.425	VV	794730	16478999	26.41%	0.508%
269	16.451	16.425	16.493	VV	884237	32759923	52.50%	1.009%

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270	16.504	16.493	16.547	VV	730201	23098685	37.02%	0.712%
271	16.581	16.547	16.678	VV	875958	6119595		
272	16.729	16.678	16.758	VV	846159	3847635		
273	16.768	16.758	16.811	VV	814587	2521086		
274	16.820	16.811	16.833	VV	759689	990713		
275	16.857	16.833	16.898	VV	770359	29515368	47.30%	0.909%
276	16.930	16.898	16.972	VV	828835	34299204	54.97%	1.057%
277	16.999	16.972	17.015	VV	723724	18314587	29.35%	0.564%
278	17.057	17.015	17.084	VV	837433	32226608	51.65%	0.993%
279	17.117	17.084	17.138	VV	787589	24613455	39.45%	0.758%
280	17.153	17.138	17.172	VV	749486	15293195	24.51%	0.471%
281	17.195	17.172	17.204	VV	759615	14174183	22.72%	0.437%
282	17.226	17.204	17.273	VV	803169	31932635	51.18%	0.984%
283	17.284	17.273	17.308	VV	735484	14914530	23.90%	0.460%
284	17.348	17.308	17.373	VV	755668	28556451	45.77%	0.880%
285	17.398	17.373	17.436	VV	784553	27466140	44.02%	0.846%
286	17.446	17.436	17.465	VV	684758	11772482	18.87%	0.363%
287	17.514	17.465	17.567	VV	769944	44257918	70.93%	1.364%
288	17.582	17.567	17.601	VV	719383	14574129	23.36%	0.449%
289	17.627	17.601	17.655	VV	737596	22997962	36.86%	0.709%
290	17.684	17.655	17.723	VV	746307	28886092	46.29%	0.890%
291	17.734	17.723	17.763	VV	699553	15711882	25.18%	0.484%
292	17.800	17.763	17.822	VV	701150	23940986	38.37%	0.738%
293	17.837	17.822	17.878	VV	681102	22209080	35.59%	0.684%
294	17.889	17.878	17.897	VV	626433	7234437	11.59%	0.223%
295	17.952	17.897	18.059	VV	727435	62397520	100.00%	1.923%
296	18.101	18.059	18.151	VV	644617	34456596	55.22%	1.062%
297	18.169	18.151	18.222	VV	644061	26300436	42.15%	0.810%
298	18.239	18.222	18.249	VV	618964	9683782	15.52%	0.298%
299	18.256	18.249	18.268	VV	625512	7003116	11.22%	0.216%
300	18.276	18.268	18.299	VV	617894	11109222	17.80%	0.342%
301	18.309	18.299	18.334	VV	583573	11846267	18.99%	0.365%
302	18.381	18.334	18.394	VV	610418	20898876	33.49%	0.644%
303	18.411	18.394	18.435	VV	644131	15422568	24.72%	0.475%
304	18.444	18.435	18.486	VV	594856	17017119	27.27%	0.524%
305	18.534	18.486	18.579	VV	599560	31312960	50.18%	0.965%
306	18.610	18.579	18.620	VV	574233	14029000	22.48%	0.432%
307	18.637	18.620	18.658	VV	567799	12468880	19.98%	0.384%
308	18.667	18.658	18.687	VV	543333	9319290	14.94%	0.287%
309	18.699	18.687	18.718	VV	538328	9689566	15.53%	0.299%
310	18.726	18.718	18.761	VV	525102	13290877	21.30%	0.410%
311	18.784	18.761	18.845	VV	558703	26368907	42.26%	0.812%
312	18.855	18.845	18.873	VV	503840	8290479	13.29%	0.255%
313	18.890	18.873	18.901	VV	495445	8056298	12.91%	0.248%
314	18.950	18.901	18.995	VV	533363	28391911	45.50%	0.875%
315	19.005	18.995	19.031	VV	483532	10227835	16.39%	0.315%
316	19.075	19.031	19.138	VV	604204	31792735	50.95%	0.980%

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317	19.151	19.138	19.161	VV	448655	5909131	9.47%	0.182%
318	19.200	19.161	19.234	VV	484297	2032408		
319	19.245	19.234	19.304	VV	475453	1892777		
320	19.332	19.304	19.414	VV	452665	2849221		
321	19.486	19.414	19.518	VV	437997	2597386		
322	19.528	19.518	19.571	VV	418754	12723888	20.39%	0.392%
323	19.593	19.571	19.636	VV	427482	15735340	25.22%	0.485%
324	19.647	19.636	19.684	VV	413431	11643518	18.66%	0.359%
325	19.695	19.684	19.801	VV	387620	26166858	41.94%	0.806%
326	19.882	19.801	19.968	VV	433531	37188628	59.60%	1.146%
327	19.979	19.968	19.990	VV	349885	4454253	7.14%	0.137%
328	20.005	19.990	20.041	VV	355839	10531092	16.88%	0.324%
329	20.060	20.041	20.073	VV	342416	6445661	10.33%	0.199%
330	20.085	20.073	20.139	VV	334760	12913845	20.70%	0.398%
331	20.157	20.139	20.173	VV	332121	6778635	10.86%	0.209%
332	20.187	20.173	20.211	VV	328763	7109908	11.39%	0.219%
333	20.267	20.211	20.346	VV	347592	26350809	42.23%	0.812%
334	20.364	20.346	20.396	VV	300823	8720610	13.98%	0.269%
335	20.404	20.396	20.424	VV	291235	4801150	7.69%	0.148%
336	20.438	20.424	20.454	VV	286453	5087157	8.15%	0.157%
337	20.461	20.454	20.468	VV	288868	2242448	3.59%	0.069%
338	20.490	20.468	20.554	VV	287503	14417253	23.11%	0.444%
339	20.562	20.554	20.572	VV	278614	2956986	4.74%	0.091%
340	20.584	20.572	20.631	VV	281901	9308110	14.92%	0.287%
341	20.657	20.631	20.675	VV	262532	6783688	10.87%	0.209%
342	20.682	20.675	20.687	VV	256049	1849031	2.96%	0.057%
343	20.694	20.687	20.748	VV	254814	8716522	13.97%	0.269%
344	20.760	20.748	20.808	VV	243826	8354542	13.39%	0.257%
345	20.819	20.808	20.918	VV	220967	13766974	22.06%	0.424%
346	20.925	20.918	20.937	VV	198752	2253769	3.61%	0.069%
347	20.946	20.937	20.992	VV	197053	6183696	9.91%	0.191%
348	21.000	20.992	21.014	VV	178427	2296971	3.68%	0.071%
349	21.032	21.014	21.085	VV	177804	7236649	11.60%	0.223%
350	21.094	21.085	21.140	VV	169505	5122100	8.21%	0.158%
351	21.152	21.140	21.281	VV	151699	11990504	19.22%	0.369%
352	21.287	21.281	21.301	VV	128212	1544516	2.48%	0.048%
353	21.311	21.301	21.333	VV	125820	2301528	3.69%	0.071%
354	21.343	21.333	21.384	VV	124603	3608069	5.78%	0.111%
355	21.393	21.384	21.417	VV	111845	2114145	3.39%	0.065%
356	21.444	21.417	21.621	VV	107393	11385665	18.25%	0.351%
357	21.634	21.621	21.664	VV	83434	2037080	3.26%	0.063%
358	21.673	21.664	21.811	VV	77510	5953203	9.54%	0.183%
359	21.820	21.811	21.851	VV	63886	1374529	2.20%	0.042%
360	21.861	21.851	21.890	VV	58336	1267629	2.03%	0.039%
361	21.931	21.890	21.944	VV	53973	1668877	2.67%	0.051%
362	21.954	21.944	22.012	VV	51925	1856455	2.98%	0.057%
363	22.020	22.012	22.061	VV	41790	1114865	1.79%	0.034%
364	22.071	22.061	22.085	VV	37060	511236	0.82%	0.016%

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365	22.097	22.085	22.304	VV	35978	3335946	5.35%	0.103%
366	22.315	22.304	22.393	VV	21030	87889		
367	22.416	22.393	22.451	VV	13584	36675		
368	22.457	22.451	22.474	VV	10168	12172		
369	22.481	22.474	22.517	VV	10146	17514		
370	22.527	22.517	22.591	VV	6057	141117	0.23%	0.004%

Sum of corrected areas: 3245465119

Aliphatic EPH 092425.M Fri Oct 10 21:25:22 2025

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