

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062422AL\
 Data File : FE036193.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2022 20:19
 Sample : N3431-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.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	1.623	1.605	1.641	PH	1051	12918	0.30%	0.005%
2	1.660	1.641	1.684	PV	3272	31007	0.71%	0.012%
3	1.747	1.707	1.759	VV	3467	40556	0.93%	0.016%
4	1.764	1.759	1.790	VV	1609	12337	0.28%	0.005%
5	1.819	1.790	1.840	PV	991	12698	0.29%	0.005%
6	1.884	1.860	1.917	VV	1326	18633	0.43%	0.007%
7	1.938	1.917	1.980	VV	3568	32966	0.75%	0.013%
8	2.008	1.980	2.034	VV	2402	39585	0.91%	0.016%
9	2.096	2.060	2.129	VV	712	11420	0.26%	0.005%
10	2.190	2.177	2.205	VV	1229	11968	0.27%	0.005%
11	2.281	2.257	2.308	VV	9617	100746	2.31%	0.040%
12	2.344	2.308	2.378	VV	7260	105144	2.41%	0.042%
13	2.409	2.378	2.426	VV	11819	119247	2.73%	0.047%
14	2.440	2.426	2.460	VV	4711	53668	1.23%	0.021%
15	2.488	2.460	2.537	VV	1843	40165	0.92%	0.016%
16	2.574	2.537	2.581	PV	3609	43601	1.00%	0.017%
17	2.594	2.581	2.633	VV	7357	84310	1.93%	0.033%
18	2.697	2.659	2.714	VV	4541	59288	1.36%	0.024%
19	2.734	2.714	2.747	VV	2957	35799	0.82%	0.014%
20	2.760	2.747	2.783	VV	1931	26282	0.60%	0.010%
21	2.801	2.783	2.819	VV	3345	37017	0.85%	0.015%
22	2.840	2.819	2.857	VV	2091	27847	0.64%	0.011%
23	2.876	2.857	2.890	VV	5767	63710	1.46%	0.025%
24	2.897	2.890	2.915	VV	3049	33335	0.76%	0.013%
25	2.931	2.915	2.937	VV	1876	21206	0.49%	0.008%
26	2.952	2.937	2.987	VV	4953	71499	1.64%	0.028%
27	3.040	3.008	3.056	VV	13374	199795	4.57%	0.079%
28	3.069	3.056	3.095	VV	7526	91828	2.10%	0.036%
29	3.106	3.095	3.117	VV	1253	13840	0.32%	0.005%
30	3.128	3.117	3.162	VV	1521	21844	0.50%	0.009%
31	3.187	3.162	3.205	PV	2375	28534	0.65%	0.011%
32	3.221	3.205	3.232	VV	2900	31750	0.73%	0.013%
33	3.249	3.232	3.260	VV	6014	68484	1.57%	0.027%
34	3.277	3.260	3.296	VV	15859	183703	4.20%	0.073%
35	3.306	3.296	3.350	VV	3485	55105	1.26%	0.022%
36	3.373	3.350	3.383	PV	1129	12108	0.28%	0.005%

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37	3.403	3.383	3.420	VV	12728	138968	3.18%	0.055%
38	3.434	3.420	3.455	VV	9491	108779	2.49%	0.043%
39	3.475	3.455	3.490	VV	6842	93689	2.14%	0.037%
40	3.505	3.490	3.522	VV	8549	102826	2.35%	0.041%
41	3.543	3.522	3.556	VV	4981	60524	1.39%	0.024%
42	3.575	3.556	3.617	VV	21809	339240	7.76%	0.135%
43	3.656	3.617	3.675	VV	10756	190862	4.37%	0.076%
44	3.682	3.675	3.689	VV	5428	44785	1.02%	0.018%
45	3.709	3.689	3.753	VV	33887	562802	12.88%	0.223%
46	3.792	3.753	3.824	VV	28833	513399	11.75%	0.204%
47	3.842	3.824	3.874	VV	8985	166758	3.82%	0.066%
48	3.894	3.874	3.921	VV	34655	367154	8.40%	0.146%
49	3.958	3.921	3.971	VV	20466	303975	6.96%	0.121%
50	3.980	3.971	4.009	VV	16818	211436	4.84%	0.084%
51	4.032	4.009	4.042	VV	9677	111169	2.54%	0.044%
52	4.055	4.042	4.065	VV	12044	128978	2.95%	0.051%
53	4.079	4.065	4.103	VV	14268	246530	5.64%	0.098%
54	4.122	4.103	4.141	VV	18991	309290	7.08%	0.123%
55	4.156	4.141	4.184	VV	17585	270630	6.19%	0.107%
56	4.203	4.184	4.214	VV	7607	91036	2.08%	0.036%
57	4.229	4.214	4.240	VV	11886	140082	3.21%	0.056%
58	4.256	4.240	4.269	VV	23970	282391	6.46%	0.112%
59	4.285	4.269	4.306	VV	27690	390176	8.93%	0.155%
60	4.327	4.306	4.367	VV	15068	288433	6.60%	0.114%
61	4.407	4.367	4.429	VV	22773	352154	8.06%	0.140%
62	4.454	4.429	4.481	VV	16193	351698	8.05%	0.140%
63	4.498	4.481	4.525	VV	13372	296482	6.79%	0.118%
64	4.531	4.525	4.535	VV	7629	46055	1.05%	0.018%
65	4.546	4.535	4.563	VV	9221	110673	2.53%	0.044%
66	4.584	4.563	4.629	VV	17843	317197	7.26%	0.126%
67	4.646	4.629	4.654	VV	5636	68904	1.58%	0.027%
68	4.664	4.654	4.670	VV	6116	55486	1.27%	0.022%
69	4.694	4.670	4.708	VV	21567	365837	8.37%	0.145%
70	4.725	4.708	4.755	VV	34454	664395	15.21%	0.264%
71	4.765	4.755	4.780	VV	20440	240137	5.50%	0.095%
72	4.798	4.780	4.813	VV	70903	801813	18.35%	0.318%
73	4.820	4.813	4.836	VV	32660	335572	7.68%	0.133%
74	4.858	4.836	4.867	VV	28606	412215	9.43%	0.164%
75	4.873	4.867	4.895	VV	27592	317472	7.27%	0.126%
76	4.917	4.895	4.925	VV	21562	279057	6.39%	0.111%
77	4.931	4.925	4.938	VV	21084	167100	3.82%	0.066%
78	4.953	4.938	4.966	VV	39325	497677	11.39%	0.198%
79	4.977	4.966	5.002	VV	35460	496256	11.36%	0.197%
80	5.022	5.002	5.062	VV	55077	898844	20.57%	0.357%
81	5.095	5.062	5.111	VV	17746	381376	8.73%	0.151%
82	5.128	5.111	5.152	VV	27334	395972	9.06%	0.157%
83	5.192	5.152	5.207	VV	35891	602665	13.79%	0.239%
84	5.221	5.207	5.244	VV	29774	413531	9.46%	0.164%
85	5.266	5.244	5.277	VV	23795	309565	7.08%	0.123%
86	5.292	5.277	5.305	VV	37867	487681	11.16%	0.194%
87	5.314	5.305	5.323	VV	26486	256689	5.87%	0.102%
88	5.334	5.323	5.367	VV	27261	487859	11.17%	0.194%
89	5.398	5.367	5.410	VV	17189	339778	7.78%	0.135%

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90	5.430	5.410	5.444	VV	36614	503145	11.52%	0.200%
91	5.455	5.444	5.466	VV	28398	331361	7.58%	0.132%
92	5.491	5.466	5.506	VV	27516	554728	12.70%	0.220%
93	5.526	5.506	5.540	VV	27631	431276	9.87%	0.171%
94	5.552	5.540	5.580	VV	28644	546840	12.52%	0.217%
95	5.590	5.580	5.604	VV	19722	244393	5.59%	0.097%
96	5.617	5.604	5.636	VV	20313	270419	6.19%	0.107%
97	5.661	5.636	5.682	VV	68572	910714	20.84%	0.362%
98	5.696	5.682	5.709	VV	18930	258937	5.93%	0.103%
99	5.727	5.709	5.758	VV	19759	479175	10.97%	0.190%
100	5.779	5.758	5.792	VV	21353	361879	8.28%	0.144%
101	5.803	5.792	5.810	VV	19285	195824	4.48%	0.078%
102	5.830	5.810	5.870	VV	74081	1367796	31.30%	0.543%
103	5.884	5.870	5.901	VV	20854	339793	7.78%	0.135%
104	5.915	5.901	5.934	VV	28836	404381	9.25%	0.161%
105	5.957	5.934	5.997	VV	64334	1178652	26.98%	0.468%
106	6.018	5.997	6.047	VV	27129	551986	12.63%	0.219%
107	6.063	6.047	6.072	VV	26442	337125	7.72%	0.134%
108	6.081	6.072	6.104	VV	26082	351335	8.04%	0.139%
109	6.131	6.104	6.146	VV	31310	456695	10.45%	0.181%
110	6.158	6.146	6.165	VV	20440	207783	4.76%	0.082%
111	6.182	6.165	6.200	VV	36792	553152	12.66%	0.220%
112	6.214	6.200	6.219	VV	22913	231628	5.30%	0.092%
113	6.235	6.219	6.259	VV	37172	694543	15.90%	0.276%
114	6.280	6.259	6.298	VV	31488	558471	12.78%	0.222%
115	6.325	6.298	6.349	VV	33493	730368	16.72%	0.290%
116	6.367	6.349	6.378	VV	28485	417332	9.55%	0.166%
117	6.394	6.378	6.429	VV	36650	895266	20.49%	0.355%
118	6.448	6.429	6.456	VV	19711	307014	7.03%	0.122%
119	6.476	6.456	6.493	VV	33432	593389	13.58%	0.236%
120	6.507	6.493	6.535	VV	31718	681855	15.61%	0.271%
121	6.553	6.535	6.580	VV	39919	843961	19.32%	0.335%
122	6.590	6.580	6.595	VV	30561	265388	6.07%	0.105%
123	6.603	6.595	6.617	VV	31940	384163	8.79%	0.152%
124	6.633	6.617	6.666	VV	30493	767080	17.56%	0.305%
125	6.681	6.666	6.688	VV	23404	274023	6.27%	0.109%
126	6.714	6.688	6.731	VV	27570	633926	14.51%	0.252%
127	6.744	6.731	6.756	VV	22005	293702	6.72%	0.117%
128	6.780	6.756	6.793	VV	27441	513895	11.76%	0.204%
129	6.807	6.793	6.817	VV	32012	373884	8.56%	0.148%
130	6.836	6.817	6.856	VV	120432	1604614	36.72%	0.637%
131	6.868	6.856	6.893	VV	66099	956207	21.88%	0.380%
132	6.908	6.893	6.925	VV	32756	499312	11.43%	0.198%
133	6.945	6.925	6.955	VV	29725	463985	10.62%	0.184%
134	6.971	6.955	6.981	VV	30876	438545	10.04%	0.174%
135	7.009	6.981	7.033	VV	54784	1189726	27.23%	0.472%
136	7.046	7.033	7.059	VV	33295	446261	10.21%	0.177%
137	7.078	7.059	7.103	VV	37717	780562	17.86%	0.310%
138	7.112	7.103	7.121	VV	22637	228842	5.24%	0.091%
139	7.147	7.121	7.166	VV	39007	843305	19.30%	0.335%
140	7.192	7.166	7.202	VV	45521	858910	19.66%	0.341%
141	7.213	7.202	7.233	VV	56638	800092	18.31%	0.318%

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142	7.254	7.233	7.279	VV	53701	1018060	23.30%	0.404%
143	7.304	7.279	7.324	VV	37877	868146	19.87%	0.345%
144	7.336	7.324	7.342	VV	32853	329901	7.55%	0.131%
145	7.357	7.342	7.376	VV	38975	642128	14.70%	0.255%
146	7.403	7.376	7.437	VV	125673	2252361	51.55%	0.894%
147	7.456	7.437	7.473	VV	37643	708274	16.21%	0.281%
148	7.501	7.473	7.519	VV	62950	1168262	26.74%	0.464%
149	7.531	7.519	7.537	VV	34921	366575	8.39%	0.146%
150	7.543	7.537	7.558	VV	34231	417493	9.55%	0.166%
151	7.586	7.558	7.618	VV	42250	1276448	29.21%	0.507%
152	7.629	7.618	7.649	VV	32285	544478	12.46%	0.216%
153	7.675	7.649	7.701	VV	34382	903418	20.68%	0.359%
154	7.719	7.701	7.727	VV	39053	532323	12.18%	0.211%
155	7.757	7.727	7.775	VV	45647	1182069	27.05%	0.469%
156	7.802	7.775	7.830	VV	74034	1613176	36.92%	0.640%
157	7.846	7.830	7.867	VV	32824	630225	14.42%	0.250%
158	7.893	7.867	7.897	VV	36106	534810	12.24%	0.212%
159	7.913	7.897	7.931	VV	50846	857099	19.62%	0.340%
160	7.966	7.931	7.983	VV	53211	1220804	27.94%	0.485%
161	7.998	7.983	8.037	VV	40050	1073228	24.56%	0.426%
162	8.058	8.037	8.074	VV	49756	850009	19.45%	0.337%
163	8.089	8.074	8.100	VV	42883	617853	14.14%	0.245%
164	8.109	8.100	8.127	VV	44206	618167	14.15%	0.245%
165	8.154	8.127	8.172	VV	45858	1032846	23.64%	0.410%
166	8.203	8.172	8.220	VV	41786	1086385	24.86%	0.431%
167	8.238	8.220	8.280	VV	52792	1490784	34.12%	0.592%
168	8.296	8.280	8.307	VV	40443	570840	13.06%	0.227%
169	8.328	8.307	8.352	VV	144322	2094769	47.94%	0.832%
170	8.377	8.352	8.399	VV	63608	1325762	30.34%	0.526%
171	8.416	8.399	8.435	VV	53484	922705	21.12%	0.366%
172	8.453	8.435	8.490	VV	47310	1452494	33.24%	0.577%
173	8.506	8.490	8.537	VV	48173	1201622	27.50%	0.477%
174	8.557	8.537	8.579	VV	56014	1129169	25.84%	0.448%
175	8.602	8.579	8.615	VV	45763	874085	20.00%	0.347%
176	8.628	8.615	8.640	VV	43808	628657	14.39%	0.250%
177	8.662	8.640	8.681	VV	84155	1474176	33.74%	0.585%
178	8.691	8.681	8.705	VV	49870	705562	16.15%	0.280%
179	8.714	8.705	8.736	VV	45431	789701	18.07%	0.313%
180	8.757	8.736	8.769	VV	48448	882780	20.20%	0.350%
181	8.780	8.769	8.788	VV	46647	506676	11.60%	0.201%
182	8.792	8.788	8.825	VV	46140	947132	21.68%	0.376%
183	8.839	8.825	8.847	VV	41843	531008	12.15%	0.211%
184	8.865	8.847	8.876	VV	60375	888976	20.35%	0.353%
185	8.890	8.876	8.920	VV	55175	1311514	30.02%	0.521%
186	8.930	8.920	8.943	VV	40072	525365	12.02%	0.209%
187	8.963	8.943	8.984	VV	84849	1444547	33.06%	0.573%
188	9.002	8.984	9.008	VV	48652	635976	14.56%	0.252%
189	9.049	9.008	9.075	VV	151892	3284991	75.18%	1.304%
190	9.085	9.075	9.105	VV	44784	747333	17.10%	0.297%
191	9.125	9.105	9.147	VV	66532	1235557	28.28%	0.490%
192	9.194	9.147	9.211	VV	61242	1848485	42.31%	0.734%
193	9.228	9.211	9.243	VV	47810	855522	19.58%	0.340%
194	9.270	9.243	9.292	VV	59591	1544026	35.34%	0.613%

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195	9.312	9.292	9.330	VV	50509	1114120	25.50%	0.442%
196	9.357	9.330	9.380	VV	53671	1449975	33.18%	0.576%
197	9.418	9.380	9.442	VV	60879	1746987	39.98%	0.693%
198	9.460	9.442	9.505	VV	47168	1586158	36.30%	0.630%
199	9.538	9.505	9.555	VV	48732	1229620	28.14%	0.488%
200	9.570	9.555	9.585	VV	48878	828941	18.97%	0.329%
201	9.596	9.585	9.604	VV	43756	472543	10.81%	0.188%
202	9.636	9.604	9.670	VV	51527	1805923	41.33%	0.717%
203	9.676	9.670	9.680	VV	41173	257152	5.89%	0.102%
204	9.707	9.680	9.752	VV	71471	2351531	53.82%	0.933%
205	9.787	9.752	9.817	VV	67899	1950546	44.64%	0.774%
206	9.828	9.817	9.839	VV	45678	605855	13.87%	0.241%
207	9.871	9.839	9.917	VV	66916	2281304	52.21%	0.906%
208	9.955	9.917	9.981	VV	43433	1541947	35.29%	0.612%
209	9.993	9.981	10.004	VV	38117	509465	11.66%	0.202%
210	10.027	10.004	10.040	VV	46089	915003	20.94%	0.363%
211	10.070	10.040	10.100	VV	67430	1923774	44.03%	0.764%
212	10.115	10.100	10.134	VV	54691	987991	22.61%	0.392%
213	10.144	10.134	10.157	VV	46711	605183	13.85%	0.240%
214	10.172	10.157	10.185	VV	52581	846832	19.38%	0.336%
215	10.190	10.185	10.206	VV	51842	615693	14.09%	0.244%
216	10.215	10.206	10.256	VV	53511	1418198	32.46%	0.563%
217	10.282	10.256	10.303	VV	46342	1187867	27.19%	0.472%
218	10.346	10.303	10.370	VV	50245	1833874	41.97%	0.728%
219	10.391	10.370	10.409	VV	49939	1062927	24.33%	0.422%
220	10.414	10.409	10.419	VV	43263	246059	5.63%	0.098%
221	10.426	10.419	10.447	VV	44560	740780	16.95%	0.294%
222	10.464	10.447	10.472	VV	46249	653372	14.95%	0.259%
223	10.502	10.472	10.535	VV	156276	3224380	73.79%	1.280%
224	10.544	10.535	10.548	VV	49007	363611	8.32%	0.144%
225	10.577	10.548	10.610	VV	53244	1848397	42.30%	0.734%
226	10.648	10.610	10.674	VV	67072	1953132	44.70%	0.775%
227	10.688	10.674	10.722	VV	46430	1244903	28.49%	0.494%
228	10.751	10.722	10.757	VV	47603	947596	21.69%	0.376%
229	10.784	10.757	10.807	VV	58913	1545086	35.36%	0.613%
230	10.829	10.807	10.839	VV	55404	980239	22.43%	0.389%
231	10.848	10.839	10.864	VV	56632	809635	18.53%	0.321%
232	10.869	10.864	10.889	VV	52313	747952	17.12%	0.297%
233	10.925	10.889	10.954	VV	222690	4369421	100.00%	1.734%
234	10.972	10.954	11.002	VV	60944	1552095	35.52%	0.616%
235	11.050	11.002	11.072	VV	51345	2007862	45.95%	0.797%
236	11.087	11.072	11.097	VV	56100	812621	18.60%	0.323%
237	11.103	11.097	11.110	VV	54873	424058	9.71%	0.168%
238	11.124	11.110	11.159	VV	55455	1477776	33.82%	0.587%
239	11.190	11.159	11.209	VV	52399	1488247	34.06%	0.591%
240	11.248	11.209	11.290	VV	68728	2571445	58.85%	1.021%
241	11.302	11.290	11.314	VV	47776	675233	15.45%	0.268%
242	11.336	11.314	11.345	VV	50191	894021	20.46%	0.355%
243	11.361	11.345	11.366	VV	48578	603981	13.82%	0.240%
244	11.383	11.366	11.397	VV	50587	897622	20.54%	0.356%
245	11.416	11.397	11.436	VV	49392	1108200	25.36%	0.440%
246	11.447	11.436	11.462	VV	47246	743469	17.02%	0.295%

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247	11.468	11.462	11.472	VV	46195	252895	5.79%	0.100%
248	11.498	11.472	11.505	VV	51391	989880	22.65%	0.393%
249	11.511	11.505	11.533	VV	50590	821369	18.80%	0.326%
250	11.550	11.533	11.569	VV	53826	1093810	25.03%	0.434%
251	11.575	11.569	11.594	VV	47687	697756	15.97%	0.277%
252	11.600	11.594	11.607	VV	45162	365523	8.37%	0.145%
253	11.646	11.607	11.679	VV	163446	3666599	83.91%	1.456%
254	11.686	11.679	11.693	VV	46260	399755	9.15%	0.159%
255	11.708	11.693	11.734	VV	46982	1078234	24.68%	0.428%
256	11.755	11.734	11.784	VV	44489	1242431	28.43%	0.493%
257	11.829	11.784	11.834	VV	53760	1424121	32.59%	0.565%
258	11.839	11.834	11.844	VV	53407	299790	6.86%	0.119%
259	11.847	11.844	11.891	VV	53320	1329422	30.43%	0.528%
260	11.921	11.891	11.934	VV	45859	1092056	24.99%	0.434%
261	11.941	11.934	11.972	VV	44561	963934	22.06%	0.383%
262	11.993	11.972	12.013	VV	42778	998332	22.85%	0.396%
263	12.019	12.013	12.030	VV	43400	436385	9.99%	0.173%
264	12.051	12.030	12.089	VV	47714	1574626	36.04%	0.625%
265	12.108	12.089	12.149	VV	47646	1574485	36.03%	0.625%
266	12.163	12.149	12.174	VV	43471	640241	14.65%	0.254%
267	12.205	12.174	12.279	VV	73326	3007294	68.83%	1.194%
268	12.304	12.279	12.312	VV	40087	758460	17.36%	0.301%
269	12.332	12.312	12.339	VV	47150	696384	15.94%	0.276%
270	12.343	12.339	12.398	VV	46118	1417553	32.44%	0.563%
271	12.432	12.398	12.465	VV	42423	1558402	35.67%	0.619%
272	12.488	12.465	12.505	VV	36930	863462	19.76%	0.343%
273	12.514	12.505	12.559	VV	37952	1152546	26.38%	0.458%
274	12.585	12.559	12.600	VV	36430	839845	19.22%	0.333%
275	12.612	12.600	12.619	VV	34974	397706	9.10%	0.158%
276	12.623	12.619	12.628	VV	34415	180523	4.13%	0.072%
277	12.636	12.628	12.648	VV	34994	401270	9.18%	0.159%
278	12.652	12.648	12.669	VV	35081	422018	9.66%	0.168%
279	12.682	12.669	12.688	VV	32798	370929	8.49%	0.147%
280	12.727	12.688	12.758	VV	38026	1460743	33.43%	0.580%
281	12.785	12.758	12.819	VV	40730	1295916	29.66%	0.514%
282	12.823	12.819	12.842	VV	32704	437731	10.02%	0.174%
283	12.864	12.842	12.899	VV	40979	1164625	26.65%	0.462%
284	12.903	12.899	12.910	VV	29911	204519	4.68%	0.081%
285	12.916	12.910	12.922	VV	29456	204986	4.69%	0.081%
286	12.969	12.922	12.989	VV	32342	1216044	27.83%	0.483%
287	13.008	12.989	13.035	VV	33070	835912	19.13%	0.332%
288	13.041	13.035	13.079	VV	27713	690474	15.80%	0.274%
289	13.083	13.079	13.092	VV	25686	201786	4.62%	0.080%
290	13.102	13.092	13.112	VV	25651	299814	6.86%	0.119%
291	13.132	13.112	13.159	VV	27111	726803	16.63%	0.289%
292	13.163	13.159	13.170	VV	24756	162178	3.71%	0.064%
293	13.193	13.170	13.209	VV	27140	601117	13.76%	0.239%
294	13.214	13.209	13.218	VV	24506	134118	3.07%	0.053%
295	13.228	13.218	13.254	VV	25694	536131	12.27%	0.213%
296	13.259	13.254	13.264	VV	23810	129069	2.95%	0.051%
297	13.306	13.264	13.336	VV	293517	4365579	99.91%	1.733%
298	13.357	13.336	13.396	VV	36358	1099168	25.16%	0.436%
299	13.405	13.396	13.460	VV	26214	904330	20.70%	0.359%

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300	13.474	13.460	13.485	VV	22536	323215	7.40%	0.128%
301	13.527	13.485	13.549	VV	23970	853783	19.54%	0.339%
302	13.573	13.549	13.579	VV	22356	384660	8.80%	0.153%
303	13.585	13.579	13.602	VV	22222	293660	6.72%	0.117%
304	13.611	13.602	13.622	VV	20342	233795	5.35%	0.093%
305	13.627	13.622	13.667	VV	20958	530950	12.15%	0.211%
306	13.696	13.667	13.728	VV	26571	811762	18.58%	0.322%
307	13.750	13.728	13.773	VV	21309	542002	12.40%	0.215%
308	13.786	13.773	13.830	VV	20296	638285	14.61%	0.253%
309	13.844	13.830	13.855	VV	18048	259381	5.94%	0.103%
310	13.858	13.855	13.872	VV	17598	170188	3.89%	0.068%
311	13.880	13.872	13.885	VV	18490	141686	3.24%	0.056%
312	13.913	13.885	13.936	VV	21216	579350	13.26%	0.230%
313	13.970	13.936	14.001	VV	22459	739865	16.93%	0.294%
314	14.006	14.001	14.018	VV	16233	155333	3.56%	0.062%
315	14.021	14.018	14.026	VV	15128	77042	1.76%	0.031%
316	14.052	14.026	14.083	VV	19459	562241	12.87%	0.223%
317	14.111	14.083	14.127	VV	16324	382809	8.76%	0.152%
318	14.143	14.127	14.164	VV	16073	326423	7.47%	0.130%
319	14.174	14.164	14.178	VV	14403	123132	2.82%	0.049%
320	14.189	14.178	14.195	VV	15602	148090	3.39%	0.059%
321	14.203	14.195	14.209	VV	16350	131594	3.01%	0.052%
322	14.213	14.209	14.234	VV	15274	207567	4.75%	0.082%
323	14.237	14.234	14.250	VV	13718	128905	2.95%	0.051%
324	14.294	14.250	14.319	VV	21066	676995	15.49%	0.269%
325	14.337	14.319	14.347	VV	13615	222183	5.08%	0.088%
326	14.364	14.347	14.399	VV	14994	425822	9.75%	0.169%
327	14.404	14.399	14.408	VV	12503	65788	1.51%	0.026%
328	14.413	14.408	14.421	VV	12731	98685	2.26%	0.039%
329	14.427	14.421	14.430	VV	12617	64015	1.47%	0.025%
330	14.453	14.430	14.479	VV	14902	402944	9.22%	0.160%
331	14.493	14.479	14.522	VV	13955	326746	7.48%	0.130%
332	14.529	14.522	14.536	VV	12094	97746	2.24%	0.039%
333	14.549	14.536	14.553	VV	12126	121584	2.78%	0.048%
334	14.560	14.553	14.590	VV	13281	258091	5.91%	0.102%
335	14.619	14.590	14.634	VV	11066	267619	6.12%	0.106%
336	14.640	14.634	14.650	VV	9638	90483	2.07%	0.036%
337	14.658	14.650	14.663	VV	9053	69621	1.59%	0.028%
338	14.687	14.663	14.715	VV	11966	331212	7.58%	0.131%
339	14.721	14.715	14.725	VV	10286	56481	1.29%	0.022%
340	14.752	14.725	14.777	VV	13979	369414	8.45%	0.147%
341	14.780	14.777	14.787	VV	9489	56478	1.29%	0.022%
342	14.792	14.787	14.797	VV	9396	52805	1.21%	0.021%
343	14.809	14.797	14.817	VV	8776	100062	2.29%	0.040%
344	14.822	14.817	14.832	VV	8591	73290	1.68%	0.029%
345	14.844	14.832	14.849	VV	8904	86241	1.97%	0.034%
346	14.865	14.849	14.888	VV	11830	241219	5.52%	0.096%
347	14.899	14.888	14.923	VV	9568	188450	4.31%	0.075%
348	14.931	14.923	14.952	VV	8932	139038	3.18%	0.055%
349	14.957	14.952	14.966	VV	7394	59484	1.36%	0.024%
350	14.990	14.966	15.027	VV	8418	273879	6.27%	0.109%
351	15.046	15.027	15.052	VV	7509	99947	2.29%	0.040%

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352	15.067	15.052	15.115	VV	8485	263051	6.02%	0.104%
353	15.120	15.115	15.129	VV	5698	42942	0.98%	0.017%
354	15.165	15.129	15.185	VV	8701	231869	5.31%	0.092%
355	15.191	15.185	15.207	VV	6421	79092	1.81%	0.031%
356	15.219	15.207	15.262	VV	7026	195844	4.48%	0.078%
357	15.281	15.262	15.284	VV	5646	70545	1.61%	0.028%
358	15.302	15.284	15.337	VV	7635	188584	4.32%	0.075%
359	15.342	15.337	15.345	VV	4630	22108	0.51%	0.009%
360	15.351	15.345	15.355	VV	5102	26646	0.61%	0.011%
361	15.360	15.355	15.374	VV	5307	55925	1.28%	0.022%
362	15.413	15.374	15.420	VV	6531	151626	3.47%	0.060%
363	15.427	15.420	15.450	VV	6288	103925	2.38%	0.041%
364	15.455	15.450	15.470	VV	5312	58512	1.34%	0.023%
365	15.477	15.470	15.483	VV	5540	41337	0.95%	0.016%
366	15.489	15.483	15.512	VV	5834	89749	2.05%	0.036%
367	15.517	15.512	15.528	VV	4842	42890	0.98%	0.017%
368	15.538	15.528	15.544	VV	4595	39089	0.89%	0.016%
369	15.548	15.544	15.554	VV	4047	22686	0.52%	0.009%
370	15.583	15.554	15.587	VV	5478	92548	2.12%	0.037%
371	15.594	15.587	15.624	VV	5693	111329	2.55%	0.044%
372	15.629	15.624	15.643	VV	4230	44281	1.01%	0.018%
373	15.651	15.643	15.657	VV	3940	31376	0.72%	0.012%
374	15.683	15.657	15.689	VV	6843	105885	2.42%	0.042%
375	15.694	15.689	15.698	VV	6683	37267	0.85%	0.015%
376	15.706	15.698	15.755	VV	7060	190081	4.35%	0.075%
377	15.760	15.755	15.791	VV	3948	71338	1.63%	0.028%
378	15.797	15.791	15.801	VV	3047	17826	0.41%	0.007%
379	15.809	15.801	15.814	VV	3374	23869	0.55%	0.009%
380	15.818	15.814	15.827	VV	3333	21272	0.49%	0.008%
381	15.840	15.827	15.845	VV	2972	28729	0.66%	0.011%
382	15.850	15.845	15.854	VV	2700	13848	0.32%	0.005%
383	15.857	15.854	15.872	VV	2529	25150	0.58%	0.010%
384	15.892	15.872	15.898	VV	3701	45389	1.04%	0.018%
385	15.902	15.898	15.917	VV	3632	33917	0.78%	0.013%
386	15.934	15.917	15.941	VV	3506	43449	0.99%	0.017%
387	15.949	15.941	15.957	VV	3398	29147	0.67%	0.012%
388	15.991	15.957	16.033	VV	6106	180011	4.12%	0.071%
389	16.039	16.033	16.057	VV	2785	32846	0.75%	0.013%
390	16.063	16.057	16.068	VV	2746	16011	0.37%	0.006%
391	16.074	16.068	16.101	VV	2775	39465	0.90%	0.016%
392	16.124	16.101	16.135	VV	2166	36679	0.84%	0.015%
393	16.146	16.135	16.153	VV	2206	18518	0.42%	0.007%
394	16.159	16.153	16.165	VV	1728	10371	0.24%	0.004%
395	16.187	16.165	16.204	VV	4075	70753	1.62%	0.028%
396	16.224	16.204	16.257	VV	3725	73195	1.68%	0.029%
397	16.336	16.317	16.342	VV	1240	11866	0.27%	0.005%
398	16.369	16.342	16.386	VV	3466	58257	1.33%	0.023%
399	16.398	16.386	16.405	VV	2023	21154	0.48%	0.008%
400	16.423	16.405	16.447	VV	2927	54901	1.26%	0.022%
401	16.499	16.447	16.505	VV	4785	103518	2.37%	0.041%
402	16.510	16.505	16.525	VV	4699	42518	0.97%	0.017%
403	16.550	16.525	16.585	VV	3486	93208	2.13%	0.037%
404	16.592	16.585	16.598	VV	2122	13593	0.31%	0.005%

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405	16.612	16.598	16.622	VV	2837	31941	0.73%	0.013%
406	16.632	16.622	16.640	VV	2632	25453	0.58%	0.010%
407	16.665	16.640	16.687	VV	4155	75524	1.73%	0.030%
408	16.701	16.696	16.733	VV	2256	36114	0.83%	0.014%
409	16.757	16.733	16.765	VV	1946	29030	0.66%	0.012%
410	16.774	16.765	16.792	VV	1972	23431	0.54%	0.009%
411	16.799	16.792	16.809	VV	1805	15467	0.35%	0.006%
412	16.842	16.809	16.847	VV	2896	52522	1.20%	0.021%
413	16.853	16.847	16.859	VV	3007	20230	0.46%	0.008%
414	16.876	16.859	16.907	VV	4061	100223	2.29%	0.040%
415	16.912	16.907	16.955	VV	3666	75799	1.73%	0.030%
416	16.980	16.955	16.987	VV	3225	52758	1.21%	0.021%
417	17.000	16.987	17.028	VV	4175	71877	1.65%	0.029%
418	17.038	17.028	17.044	VV	2420	19558	0.45%	0.008%
419	17.048	17.044	17.060	VV	1946	16198	0.37%	0.006%
420	17.068	17.060	17.076	VV	1991	16317	0.37%	0.006%
421	17.111	17.076	17.115	VV	3849	63929	1.46%	0.025%
422	17.141	17.115	17.170	VV	5955	160547	3.67%	0.064%
423	17.180	17.170	17.203	VV	3350	50833	1.16%	0.020%
424	17.209	17.203	17.213	VV	2401	12066	0.28%	0.005%
425	17.221	17.213	17.230	VV	2593	23689	0.54%	0.009%
426	17.240	17.230	17.247	VV	2304	22771	0.52%	0.009%
427	17.252	17.247	17.257	VV	2714	15083	0.35%	0.006%
428	17.262	17.257	17.284	VV	2651	34837	0.80%	0.014%
429	17.289	17.284	17.292	VV	2586	11586	0.27%	0.005%
430	17.296	17.292	17.305	VV	2706	19667	0.45%	0.008%
431	17.308	17.305	17.326	VV	3023	30434	0.70%	0.012%
432	17.343	17.326	17.346	VV	3382	32356	0.74%	0.013%
433	17.362	17.346	17.397	VV	5292	92242	2.11%	0.037%
434	17.459	17.447	17.477	VV	1625	17727	0.41%	0.007%
435	17.516	17.477	17.522	VV	1586	24001	0.55%	0.010%
436	17.530	17.522	17.560	VV	2270	35531	0.81%	0.014%
437	17.580	17.560	17.600	VV	3464	53079	1.21%	0.021%
438	17.606	17.600	17.612	VV	2292	14870	0.34%	0.006%
439	17.617	17.612	17.625	VV	2021	11522	0.26%	0.005%
440	17.645	17.625	17.652	VV	2087	21739	0.50%	0.009%
441	17.688	17.662	17.697	VV	4522	63112	1.44%	0.025%
442	17.705	17.697	17.728	VV	4461	70764	1.62%	0.028%
443	17.767	17.728	17.776	VV	3638	92271	2.11%	0.037%
444	17.783	17.776	17.794	VV	3674	37138	0.85%	0.015%
445	17.800	17.794	17.810	VV	3445	30691	0.70%	0.012%
446	17.816	17.810	17.827	VV	3559	31760	0.73%	0.013%
447	17.833	17.827	17.840	VV	3143	22533	0.52%	0.009%
448	17.865	17.840	17.885	VV	3984	89532	2.05%	0.036%
449	17.906	17.885	17.924	VV	4078	81789	1.87%	0.032%
450	17.930	17.924	17.935	VV	3812	24105	0.55%	0.010%
451	17.951	17.935	17.970	VV	4588	87167	1.99%	0.035%
452	17.974	17.970	17.980	VV	3723	20836	0.48%	0.008%
453	18.015	17.980	18.067	VV	6836	176823	4.05%	0.070%
454	18.072	18.067	18.099	VV	1386	17184	0.39%	0.007%
455	18.153	18.099	18.172	VV	6017	129126	2.96%	0.051%
456	18.177	18.172	18.209	VV	3789	52971	1.21%	0.021%

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457	18.216	18.209	18.233	VV	1914	21196	0.49%	0.008%
458	18.240	18.233	18.248	VV	1614	11240	0.26%	0.004%
459	18.254	18.248	18.271	VV	1594	17320	0.40%	0.007%
460	18.290	18.283	18.296	VV	1761	12076	0.28%	0.005%
461	18.302	18.296	18.333	VV	2588	42173	0.97%	0.017%
462	18.356	18.333	18.367	VV	2773	42470	0.97%	0.017%
463	18.391	18.367	18.413	VV	4158	88358	2.02%	0.035%
464	18.439	18.413	18.462	VV	6356	123343	2.82%	0.049%
465	18.467	18.462	18.471	VV	2681	14023	0.32%	0.006%
466	18.495	18.471	18.500	VV	4150	60447	1.38%	0.024%
467	18.521	18.500	18.544	VV	8777	160583	3.68%	0.064%
468	18.550	18.544	18.555	VV	4062	25272	0.58%	0.010%
469	18.573	18.555	18.580	VV	4270	61214	1.40%	0.024%
470	18.588	18.580	18.619	VV	4502	87749	2.01%	0.035%
471	18.622	18.619	18.627	VV	3625	16829	0.39%	0.007%
472	18.651	18.627	18.674	VV	4758	113513	2.60%	0.045%
473	18.679	18.674	18.699	VV	3607	48645	1.11%	0.019%
474	18.702	18.699	18.717	VV	3366	35583	0.81%	0.014%
475	18.720	18.717	18.760	VV	3699	52398	1.20%	0.021%
476	18.847	18.789	18.877	PV	4616	104085	2.38%	0.041%
477	18.884	18.877	18.895	VV	1676	16967	0.39%	0.007%
478	18.912	18.895	18.918	VV	2375	26329	0.60%	0.010%
479	18.943	18.918	18.964	VV	5933	111007	2.54%	0.044%
480	18.993	18.964	19.009	VV	5546	118065	2.70%	0.047%
481	19.038	19.009	19.056	VV	5017	128845	2.95%	0.051%
482	19.077	19.056	19.091	VV	4400	87361	2.00%	0.035%
483	19.118	19.091	19.126	VV	5493	97836	2.24%	0.039%
484	19.131	19.126	19.150	VV	5163	71799	1.64%	0.029%
485	19.165	19.150	19.172	VV	5549	63830	1.46%	0.025%
486	19.178	19.172	19.186	VV	4964	38494	0.88%	0.015%
487	19.191	19.186	19.210	VV	4634	64052	1.47%	0.025%
488	19.215	19.210	19.220	VV	4602	25917	0.59%	0.010%
489	19.247	19.220	19.301	VV	8235	264125	6.04%	0.105%
490	19.305	19.301	19.315	VV	2030	16086	0.37%	0.006%
491	19.319	19.315	19.325	VV	2354	11928	0.27%	0.005%
492	19.347	19.325	19.372	VV	3312	71651	1.64%	0.028%
493	19.388	19.372	19.397	VV	2632	32191	0.74%	0.013%
494	19.447	19.397	19.473	VV	6556	219788	5.03%	0.087%
495	19.485	19.473	19.492	VV	4847	53178	1.22%	0.021%
496	19.503	19.492	19.513	VV	5454	64895	1.49%	0.026%
497	19.522	19.513	19.571	VV	5860	158850	3.64%	0.063%
498	19.592	19.571	19.604	VV	3923	68065	1.56%	0.027%
499	19.608	19.604	19.614	VV	3570	20542	0.47%	0.008%
500	19.642	19.614	19.654	VV	8426	158669	3.63%	0.063%
501	19.659	19.654	19.690	VV	7678	144246	3.30%	0.057%
502	19.720	19.690	19.725	VV	7585	134115	3.07%	0.053%
503	19.731	19.725	19.735	VV	7522	44916	1.03%	0.018%
504	19.744	19.735	19.757	VV	8028	102578	2.35%	0.041%
505	19.777	19.757	19.788	VV	9555	159157	3.64%	0.063%
506	19.797	19.788	19.812	VV	9585	125984	2.88%	0.050%
507	19.819	19.812	19.836	VV	9835	135831	3.11%	0.054%
508	19.840	19.836	19.849	VV	9338	73089	1.67%	0.029%
509	19.854	19.849	19.862	VV	8637	62127	1.42%	0.025%

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510	19.867	19.862	19.910	VV	8330	171479	3.92%	0.068%
511	19.920	19.910	19.929	VV	4511	45250	1.04%	0.018%
512	19.932	19.929	19.947	VV	3565	34583	0.79%	0.014%
513	19.954	19.947	19.960	VV	3031	22517	0.52%	0.009%
514	19.966	19.960	19.973	VV	3137	20683	0.47%	0.008%
515	20.045	19.973	20.055	VV	11941	357570	8.18%	0.142%
516	20.058	20.055	20.069	VV	11384	86872	1.99%	0.034%
517	20.072	20.069	20.085	VV	10680	99133	2.27%	0.039%
518	20.093	20.085	20.118	VV	10312	196047	4.49%	0.078%
519	20.138	20.118	20.145	VV	10520	164169	3.76%	0.065%
520	20.149	20.145	20.159	VV	10618	82616	1.89%	0.033%
521	20.165	20.159	20.170	VV	10140	67659	1.55%	0.027%
522	20.178	20.170	20.191	VV	10549	125280	2.87%	0.050%
523	20.197	20.191	20.205	VV	9989	85019	1.95%	0.034%
524	20.216	20.205	20.224	VV	10959	120140	2.75%	0.048%
525	20.233	20.224	20.252	VV	11541	175885	4.03%	0.070%
526	20.258	20.252	20.264	VV	9688	71070	1.63%	0.028%
527	20.270	20.264	20.303	VV	9770	196180	4.49%	0.078%
528	20.315	20.303	20.327	VV	7881	104152	2.38%	0.041%
529	20.344	20.327	20.348	VV	8312	98902	2.26%	0.039%
530	20.373	20.348	20.395	VV	10609	265816	6.08%	0.106%
531	20.409	20.395	20.416	VV	10587	124229	2.84%	0.049%
532	20.424	20.416	20.430	VV	10386	87535	2.00%	0.035%
533	20.439	20.430	20.444	VV	11140	85316	1.95%	0.034%
534	20.507	20.444	20.517	VV	15246	579244	13.26%	0.230%
535	20.521	20.517	20.527	VV	15074	88073	2.02%	0.035%
536	20.543	20.527	20.622	VV	15810	694230	15.89%	0.276%
537	20.630	20.622	20.636	VV	7984	63153	1.45%	0.025%
538	20.641	20.636	20.648	VV	7432	52929	1.21%	0.021%
539	20.703	20.648	20.710	VV	12977	356568	8.16%	0.142%
540	20.733	20.710	20.742	VV	16459	293135	6.71%	0.116%
541	20.746	20.742	20.768	VV	16075	234149	5.36%	0.093%
542	20.772	20.768	20.826	VV	14560	420833	9.63%	0.167%
543	20.835	20.826	20.855	VV	10182	152932	3.50%	0.061%
544	20.862	20.855	20.869	VV	8394	66736	1.53%	0.026%
545	20.882	20.869	20.890	VV	9078	107934	2.47%	0.043%
546	20.919	20.890	20.925	VV	12058	227787	5.21%	0.090%
547	20.939	20.925	20.996	VV	13532	478285	10.95%	0.190%
548	21.040	20.996	21.050	VV	11980	344415	7.88%	0.137%
549	21.071	21.050	21.150	VV	13353	542423	12.41%	0.215%
550	21.154	21.150	21.160	VV	3142	17472	0.40%	0.007%
551	21.171	21.160	21.177	VV	4237	36652	0.84%	0.015%
552	21.250	21.177	21.262	VV	10941	398214	9.11%	0.158%
553	21.271	21.262	21.315	VV	11354	324579	7.43%	0.129%
554	21.319	21.315	21.334	VV	8762	95748	2.19%	0.038%
555	21.342	21.334	21.350	VV	8159	77860	1.78%	0.031%
556	21.360	21.350	21.380	VV	8818	143777	3.29%	0.057%
557	21.387	21.380	21.395	VV	8433	74070	1.70%	0.029%
558	21.403	21.395	21.420	VV	8176	119598	2.74%	0.047%
559	21.430	21.420	21.485	VV	8002	230334	5.27%	0.091%
560	21.496	21.485	21.505	VV	4575	51988	1.19%	0.021%
561	21.519	21.505	21.523	VV	5229	52938	1.21%	0.021%

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562	21.529	21.523	21.534	VV	5514	33445	0.77%	0.013%	
563	21.544	21.534	21.554	VV	5780	65123	1.49%	0.026%	
564	21.560	21.554	21.572	VV	5258	52496	1.20%	0.021%	
565	21.593	21.572	21.610	VV	5131	106969	2.45%	0.042%	
566	21.625	21.610	21.678	VV	4981	164102	3.76%	0.065%	
567	21.693	21.678	21.704	VV	3537	47631	1.09%	0.019%	
568	21.712	21.704	21.732	VV	3256	47798	1.09%	0.019%	
569	21.796	21.732	21.815	VV	4626	178129	4.08%	0.071%	
570	21.819	21.815	21.857	VV	4629	74680	1.71%	0.030%	
571	21.896	21.857	21.902	VV	2175	45408	1.04%	0.018%	
572	21.962	21.902	21.968	VV	4126	117957	2.70%	0.047%	
573	21.990	21.968	22.032	VV	4464	136884	3.13%	0.054%	
574	22.039	22.032	22.072	VV	2405	36164	0.83%	0.014%	
					Sum of corrected areas:		251912811		

Aliphatic EPH 062022.M Mon Jun 27 10:55:54 2022