

rters

Instrument :

FID_D

ClientSampleId :

D-17-5-B-SB-41(13.5-14)DL

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD06022

Data File : FD042735.D

Signal(s) : FID2B.CH

Acq On : 02 Jun 2022 12:30

Sample : N3083-23DL 100X

Misc :

ALS Vial : 56 Sample Multiplier: 1

Reviewed By :Yogesh Patel 06/03/2022

Supervised By :Ankita Jodhani 06/03/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M

Title : GC Extractables

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.583	4.548	4.601	PH	3178	53009	3.91%	0.060%
2	4.618	4.601	4.631	HH	5821	61331	4.52%	0.069%
3	4.643	4.631	4.654	HH	4726	48049	3.54%	0.054%
4	4.671	4.654	4.687	HH	20568	191187	14.10%	0.216%
5	4.700	4.687	4.715	HH	11961	110627	8.16%	0.125%
6	4.725	4.715	4.737	HH	4877	51791	3.82%	0.059%
7	4.748	4.737	4.776	HH	6253	84462	6.23%	0.095%
8	4.793	4.776	4.809	HH	11711	120399	8.88%	0.136%
9	4.831	4.809	4.853	HH	14138	183745	13.55%	0.208%
10	4.869	4.853	4.878	HH	9024	82638	6.09%	0.093%
11	4.891	4.878	4.917	HH	11375	117458	8.66%	0.133%
12	4.943	4.917	4.957	HH	5590	63029	4.65%	0.071%
13	4.972	4.957	4.999	HH	3418	49971	3.69%	0.056%
14	5.026	4.999	5.039	PH	10466	96866	7.14%	0.109%
15	5.057	5.039	5.081	HH	17728	242911	17.91%	0.274%
16	5.096	5.081	5.120	HH	14535	185210	13.66%	0.209%
17	5.134	5.120	5.144	HH	11482	110253	8.13%	0.125%
18	5.158	5.144	5.200	HH	15897	195679	14.43%	0.221%
19	5.214	5.200	5.234	PH	1737	19458	1.43%	0.022%
20	5.255	5.234	5.285	HH	7824	120801	8.91%	0.137%
21	5.321	5.285	5.333	HH	9775	170757	12.59%	0.193%
22	5.345	5.333	5.361	HH	9871	106380	7.85%	0.120%
23	5.378	5.361	5.424	HH	5706	142899	10.54%	0.161%
24	5.453	5.424	5.472	HH	87843	894492	65.97%	1.011%
25	5.482	5.472	5.506	HH	17151	198635	14.65%	0.224%
26	5.524	5.506	5.560	HH	4043	71818	5.30%	0.081%
27	5.606	5.560	5.617	HH	3049	87164	6.43%	0.098%
28	5.639	5.617	5.679	HH	20982	324357	23.92%	0.367%
29	5.701	5.679	5.714	HH	4980	77828	5.74%	0.088%
30	5.752	5.714	5.772	HH	20198	410481	30.27%	0.464%
31	5.789	5.772	5.812	HH	12728	189766	13.99%	0.214%
32	5.825	5.812	5.839	HH	8995	97515	7.19%	0.110%
33	5.863	5.839	5.888	HH	7247	131953	9.73%	0.149%
34	5.908	5.888	5.930	HH	9431	116748	8.61%	0.132%
35	5.956	5.930	5.980	HH	10518	195739	14.44%	0.221%
36	6.002	5.980	6.035	HH	21834	371621	27.41%	0.420%

					rters			
37	6.050	6.035	6.069	HH	13734	164292	12.12%	0.186%
38	6.093	6.069	6.118	HH	19180	268469	19.18%	0.268%
39	6.153	6.118	6.170	HH	16955	308360	22.12%	0.308%
40	6.188	6.170	6.204	HH	7463	130247	9.96%	0.130%
41	6.219	6.204	6.232	HH	8593	114959	8.59%	0.115%
42	6.270	6.232	6.294	HH	10609	293236	21.94%	0.293%
43	6.315	6.294	6.334	HH	10921	179173	13.21%	0.202%
44	6.360	6.334	6.379	HH	9693	209818	15.47%	0.237%
45	6.387	6.379	6.403	HH	7738	94363	6.96%	0.107%
46	6.433	6.403	6.482	HH	89719	1083172	79.88%	1.224%
47	6.524	6.482	6.534	HH	6716	161602	11.92%	0.183%
48	6.548	6.534	6.560	HH	8087	108821	8.03%	0.123%
49	6.582	6.560	6.604	HH	38540	473858	34.95%	0.535%
50	6.627	6.604	6.645	HH	14260	251535	18.55%	0.284%
51	6.653	6.645	6.688	HH	8525	154861	11.42%	0.175%
52	6.710	6.688	6.731	HH	12082	202975	14.97%	0.229%
53	6.755	6.731	6.780	HH	15832	297557	21.94%	0.336%
54	6.791	6.780	6.804	HH	9171	110203	8.13%	0.125%
55	6.832	6.804	6.857	HH	13636	281805	20.78%	0.318%
56	6.897	6.857	6.914	HH	9259	241913	17.84%	0.273%
57	6.934	6.914	6.973	HH	17178	441272	32.54%	0.499%
58	6.992	6.973	7.018	HH	22246	343041	25.30%	0.388%
59	7.053	7.018	7.076	HH	37630	691510	51.00%	0.781%
60	7.093	7.076	7.114	HH	17895	255580	18.85%	0.289%
61	7.136	7.114	7.171	HH	36871	602425	44.43%	0.681%
62	7.189	7.171	7.217	HH	29318	413640	30.50%	0.467%
63	7.236	7.217	7.254	HH	14137	227159	16.75%	0.257%
64	7.281	7.254	7.298	HH	9025	218186	16.09%	0.247%
65	7.356	7.298	7.387	HH	96839	1356001	100.00%	1.532%
66	7.409	7.387	7.430	HH	11085	230622	17.01%	0.261%
67	7.445	7.430	7.462	HH	10592	177840	13.11%	0.201%
68	7.476	7.462	7.505	HH	10042	232599	17.15%	0.263%
69	7.531	7.505	7.560	HH	21078	422322	31.14%	0.477%
70	7.581	7.560	7.601	HH	10335	196526	14.49%	0.222%
71	7.616	7.601	7.630	HH	7496	115048	8.48%	0.130%
72	7.666	7.630	7.679	HH	16723	321326	23.70%	0.363%
73	7.694	7.679	7.711	HH	17264	261979	19.32%	0.296%
74	7.723	7.711	7.757	HH	10922	241266	17.79%	0.273%
75	7.783	7.757	7.795	HH	12410	225382	16.62%	0.255%
76	7.811	7.795	7.824	HH	15496	226129	16.68%	0.256%
77	7.834	7.824	7.853	HH	15114	206325	15.22%	0.233%
78	7.877	7.853	7.896	HH	16817	296857	21.89%	0.335%
79	7.925	7.896	7.956	HH	25107	564947	41.66%	0.638%
80	7.978	7.956	8.002	HH	19787	362030	26.70%	0.409%
81	8.047	8.002	8.087	HH	48349	979401	72.23%	1.107%
82	8.101	8.087	8.122	HH	10670	200348	14.77%	0.226%
83	8.150	8.122	8.165	HH	32510	517086	38.13%	0.584%
84	8.178	8.165	8.199	HH	28415	403527	29.76%	0.456%
85	8.226	8.199	8.252	HH	92123	1165631	85.96%	1.317%
86	8.273	8.252	8.289	HH	15195	273066	20.14%	0.309%
87	8.319	8.289	8.355	HH	17521	522119	38.50%	0.590%
88	8.389	8.355	8.407	HH	16339	363019	26.77%	0.410%
89	8.422	8.407	8.436	HH	13778	203042	14.97%	0.229%

Instrument :
FID_D
ClientSampleId :
D-17-5-B-SB-41(13.5-14)DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/03/2022
Supervised By :Ankita Jodhani 06/03/2022

Instrument :
FID_D
ClientSampleId :
D-17-5-B-SB-41(13.5-14)DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/03/2022
Supervised By :Ankita Jodhani 06/03/2022

					rt	Area	Area%	Height
90	8.444	8.436	8.459	HH	11336	145615	10.74%	0.165%
91	8.473	8.459	8.488	HH	10689	162670	12.63%	0.165%
92	8.528	8.488	8.564	HH	13179	467162	34.51%	0.165%
93	8.585	8.564	8.611	HH	15932	349319	25.84%	0.165%
94	8.644	8.611	8.660	HH	15063	382641	28.14%	0.165%
95	8.681	8.660	8.702	HH	18371	364271	26.64%	0.165%
96	8.719	8.702	8.735	HH	15291	271398	20.01%	0.307%
97	8.762	8.735	8.786	HH	47976	763665	56.32%	0.863%
98	8.814	8.786	8.831	HH	16009	319847	23.59%	0.361%
99	8.868	8.831	8.889	HH	17533	438630	32.35%	0.496%
100	8.907	8.889	8.925	HH	14496	257885	19.02%	0.291%
101	8.938	8.925	8.962	HH	12001	227437	16.77%	0.257%
102	8.992	8.962	9.008	HH	17253	357771	26.38%	0.404%
103	9.046	9.008	9.068	HH	85159	1262791	93.13%	1.427%
104	9.077	9.068	9.113	HH	20631	360299	26.57%	0.407%
105	9.133	9.113	9.156	HH	11731	251865	18.57%	0.285%
106	9.194	9.156	9.211	HH	17146	376731	27.78%	0.426%
107	9.225	9.211	9.241	HH	13954	194238	14.32%	0.219%
108	9.250	9.241	9.262	HH	8787	103489	7.63%	0.117%
109	9.279	9.262	9.293	HH	9226	161952	11.94%	0.183%
110	9.330	9.293	9.358	HH	17910	454671	33.53%	0.514%
111	9.372	9.358	9.391	HH	9699	180144	13.28%	0.204%
112	9.422	9.391	9.456	HH	22605	572908	42.25%	0.647%
113	9.466	9.456	9.471	HH	11126	101837	7.51%	0.115%
114	9.496	9.471	9.528	HH	19870	510333	37.64%	0.577%
115	9.552	9.528	9.572	HH	16124	325929	24.04%	0.368%
116	9.605	9.572	9.636	HH	15887	486157	35.85%	0.549%
117	9.658	9.636	9.685	HH	8833	238153	17.56%	0.269%
118	9.699	9.685	9.715	HH	7612	132860	9.80%	0.150%
119	9.737	9.715	9.756	HH	11373	238560	17.59%	0.270%
120	9.783	9.756	9.800	HH	14321	316481	23.34%	0.358%
121	9.825	9.800	9.872	HH	74066	1107063	81.64%	1.251%
122	9.891	9.872	9.913	HH	10485	241759	17.83%	0.273%
123	9.930	9.913	9.968	HH	11312	297845	21.96%	0.337%
124	9.996	9.968	10.023	HH	10610	285048	21.02%	0.322%
125	10.036	10.023	10.048	HH	8236	118230	8.72%	0.134%
126	10.058	10.048	10.079	HH	8105	141849	10.46%	0.160%
127	10.101	10.079	10.130	HH	9117	241763	17.83%	0.273%
128	10.167	10.130	10.184	HH	12578	335384	24.73%	0.379%
129	10.212	10.184	10.241	HH	35654	658234	48.54%	0.744%
130	10.262	10.241	10.278	HH	15069	265748	19.60%	0.300%
131	10.298	10.278	10.319	HH	15426	314108	23.16%	0.355%
132	10.332	10.319	10.341	HH	11451	142069	10.48%	0.161%
133	10.357	10.341	10.384	HH	14629	276193	20.37%	0.312%
134	10.409	10.384	10.446	HH	9934	319747	23.58%	0.361%
135	10.495	10.446	10.521	HH	10322	411277	30.33%	0.465%
136	10.562	10.521	10.597	HH	62267	1047833	77.27%	1.184%
137	10.635	10.597	10.667	HH	44246	864173	63.73%	0.977%
138	10.680	10.667	10.722	HH	10012	285811	21.08%	0.323%
139	10.773	10.722	10.787	HH	8478	311558	22.98%	0.352%
140	10.810	10.787	10.858	HH	12351	399959	29.50%	0.452%
141	10.886	10.858	10.922	HH	12264	393949	29.05%	0.445%

							Instrument : FID_D	
							ClientSampleId : D-17-5-B-SB-41(13.5-14)DL	
rt							Area	
142	10.954	10.922	10.995	HH	15106	479262	35.34%	0.542%
143	11.016	10.995	11.049	HH	12775	311800	22.54%	0.542%
144	11.069	11.049	11.098	HH	10752	252081	18.71%	0.542%
145	11.121	11.098	11.143	HH	9254	220010	16.71%	0.542%
							Manual Integrations	
146	11.171	11.143	11.186	HH	8833	213280	15.71%	0.542%
147	11.205	11.186	11.228	HH	9059	213622	15.71%	0.542%
148	11.264	11.228	11.316	HH	52442	952837	70.27%	1.077%
149	11.355	11.316	11.392	HH	22787	583281	43.01%	0.659%
150	11.413	11.392	11.442	HH	8138	226543	16.71%	0.256%
Reviewed By :Yogesh Patil Supervised By :Ankita Joshi								
151	11.462	11.442	11.485	HH	9435	204161	15.06%	0.231%
152	11.507	11.485	11.518	HH	7720	142908	10.54%	0.161%
153	11.578	11.518	11.597	HH	15278	506916	37.38%	0.573%
154	11.612	11.597	11.626	HH	12034	182046	13.43%	0.206%
155	11.643	11.626	11.681	HH	13252	361074	26.63%	0.408%
156	11.698	11.681	11.726	HH	10826	233387	17.21%	0.264%
157	11.753	11.726	11.775	HH	11814	284821	21.00%	0.322%
158	11.791	11.775	11.849	HH	9552	343183	25.31%	0.388%
159	11.932	11.849	11.963	HH	43973	1003723	74.02%	1.134%
160	11.976	11.963	11.996	HH	8916	161487	11.91%	0.182%
161	12.010	11.996	12.027	HH	8159	146279	10.79%	0.165%
162	12.062	12.027	12.100	HH	7900	317892	23.44%	0.359%
163	12.138	12.100	12.182	HH	7726	353355	26.06%	0.399%
164	12.206	12.182	12.255	HH	9699	366976	27.06%	0.415%
165	12.271	12.255	12.292	HH	7996	168316	12.41%	0.190%
166	12.344	12.292	12.376	HH	12813	462659	34.12%	0.523%
167	12.397	12.376	12.465	HH	11648	429613	31.68%	0.485%
168	12.507	12.465	12.528	HH	11825	330966	24.41%	0.374%
169	12.571	12.528	12.612	HH	42405	806067	59.44%	0.911%
170	12.627	12.612	12.702	HH	10013	423720	31.25%	0.479%
171	12.718	12.702	12.736	HH	7680	146923	10.84%	0.166%
172	12.748	12.736	12.767	HH	7044	125480	9.25%	0.142%
173	12.787	12.767	12.801	HH	7031	134236	9.90%	0.152%
174	12.824	12.801	12.879	HH	9844	387455	28.57%	0.438%
175	12.893	12.879	12.904	HH	7868	108542	8.00%	0.123%
176	12.923	12.904	12.944	HH	10329	212067	15.64%	0.240%
177	12.963	12.944	12.997	HH	11557	305635	22.54%	0.345%
178	13.015	12.997	13.042	HH	13676	268340	19.79%	0.303%
179	13.065	13.042	13.097	HH	9352	263613	19.44%	0.298%
180	13.111	13.097	13.145	HH	7367	204040	15.05%	0.231%
181	13.181	13.145	13.215	HH	38711	697880	51.47%	0.789%
182	13.224	13.215	13.236	HH	8934	109554	8.08%	0.124%
183	13.254	13.236	13.301	HH	10359	323766	23.88%	0.366%
184	13.316	13.301	13.332	HH	8003	133314	9.83%	0.151%
185	13.350	13.332	13.372	HH	8669	179757	13.26%	0.203%
186	13.416	13.372	13.447	HH	11242	399705	29.48%	0.452%
187	13.459	13.447	13.475	HH	8881	144020	10.62%	0.163%
188	13.492	13.475	13.514	HH	8855	199368	14.70%	0.225%
189	13.529	13.514	13.542	HH	8947	144592	10.66%	0.163%
190	13.561	13.542	13.584	HH	11174	244104	18.00%	0.276%
191	13.606	13.584	13.635	HH	12028	289587	21.36%	0.327%
192	13.655	13.635	13.732	HH	10296	480336	35.42%	0.543%
193	13.767	13.732	13.799	HH	39355	700776	51.68%	0.792%
194	13.824	13.799	13.839	HH	10373	217402	16.03%	0.246%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/03/2022
Supervised By :Ankita Jodhani 06/03/2022

						Instrument : FID_D	
						ClientSampleId : D-17-5-B-SB-41(13.5-14)DL	
195	13.854	13.839	13.878	HH	10167	210786	15.54% 0.238%
196	13.887	13.878	13.906	HH	7933	127461	
197	13.918	13.906	13.935	HH	7542	126693	
198	13.988	13.935	14.028	HH	12331	524720	38.92% 0.596%
199	14.035	14.028	14.048	HH	9153	105012	7.22% 0.184%
200	14.062	14.048	14.080	HH	9557	167564	12.00% 0.464%
201	14.097	14.080	14.109	HH	9504	157500	11.61% 0.178%
202	14.128	14.109	14.145	HH	12466	224626	16.57% 0.254%
203	14.183	14.145	14.220	HH	11948	449764	33.17% 0.508%
204	14.241	14.220	14.277	HH	9793	294314	21.70% 0.333%
205	14.328	14.277	14.368	HH	36923	786708	58.02% 0.889%
206	14.397	14.368	14.410	HH	10818	241899	17.84% 0.273%
207	14.424	14.410	14.440	HH	10999	182924	13.49% 0.207%
208	14.449	14.440	14.469	HH	9725	158818	11.71% 0.179%
209	14.480	14.469	14.502	HH	8567	162744	12.00% 0.184%
210	14.533	14.502	14.568	HH	12657	410902	30.30% 0.464%
211	14.582	14.568	14.594	HH	9761	143893	10.61% 0.163%
212	14.608	14.594	14.635	HH	10478	231942	17.10% 0.262%
213	14.648	14.635	14.659	HH	9524	130934	9.66% 0.148%
214	14.678	14.659	14.698	HH	11592	233526	17.22% 0.264%
215	14.723	14.698	14.741	HH	12088	264230	19.49% 0.299%
216	14.755	14.741	14.774	HH	10907	194948	14.38% 0.220%
217	14.794	14.774	14.815	HH	11370	236723	17.46% 0.268%
218	14.832	14.815	14.846	HH	14008	212851	15.70% 0.241%
219	14.868	14.846	14.896	HH	30833	527784	38.92% 0.596%
220	14.944	14.896	14.962	HH	11324	384078	28.32% 0.434%
221	14.975	14.962	15.032	HH	10492	381763	28.15% 0.431%
222	15.064	15.032	15.094	HH	12499	393623	29.03% 0.445%
223	15.110	15.094	15.128	HH	10594	210859	15.55% 0.238%
224	15.140	15.128	15.162	HH	9800	188482	13.90% 0.213%
225	15.204	15.162	15.228	HH	10902	379779	28.01% 0.429%
226	15.253	15.228	15.275	HH	12070	287888	21.23% 0.325%
227	15.295	15.275	15.328	HH	10697	293069	21.61% 0.331%
228	15.339	15.328	15.357	HH	8423	141504	10.44% 0.160%
229	15.386	15.357	15.417	HH	24581	513442	37.86% 0.580%
230	15.467	15.417	15.486	HH	17674	488085	35.99% 0.552%
231	15.500	15.486	15.542	HH	13426	342719	25.27% 0.387%
232	15.569	15.542	15.615	HH	12766	465936	34.36% 0.527%
233	15.636	15.615	15.667	HH	11001	320299	23.62% 0.362%
234	15.707	15.667	15.732	HH	10772	376617	27.77% 0.426%
235	15.764	15.732	15.797	HH	10434	369226	27.23% 0.417%
236	15.816	15.797	15.852	HH	9883	292276	21.55% 0.330%
237	15.886	15.852	15.912	HH	18678	434947	32.08% 0.491%
238	15.921	15.912	15.963	HH	9321	274063	20.21% 0.310%
239	15.983	15.963	15.997	HH	9392	180013	13.28% 0.203%
240	16.009	15.997	16.030	HH	9108	175562	12.95% 0.198%
241	16.061	16.030	16.090	HH	13796	404425	29.82% 0.457%
242	16.103	16.090	16.127	HH	10439	222936	16.44% 0.252%
243	16.138	16.127	16.155	HH	9864	160737	11.85% 0.182%
244	16.171	16.155	16.185	HH	10187	174482	12.87% 0.197%
245	16.196	16.185	16.225	HH	9940	232235	17.13% 0.262%
246	16.265	16.225	16.297	HH	10897	410255	30.25% 0.464%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/03/2022
Supervised By :Ankita Jodhani 06/03/2022

Instrument : FID_D								
ClientSampleId : D-17-5-B-SB-41(13.5-14)DL								
Manual IntegrationsAPPROVED								
Reviewed By :Yogesh Patel 06/03/2022								
Supervised By :Ankita Jodhani 06/03/2022								
					rters			
247	16.319	16.297	16.333	HH	10022	194546	14.35%	0.220%
248	16.368	16.333	16.392	HH	15102	392672	28.61%	0.220%
249	16.407	16.392	16.452	HH	8998	300078	22.00%	0.220%
250	16.491	16.452	16.504	HH	8973	271256	20.69%	0.220%
251	16.530	16.504	16.567	HH	11030	368266	27.34%	0.401%
252	16.594	16.567	16.625	HH	9165	310988	22.81%	0.401%
253	16.665	16.625	16.689	HH	10618	354511	26.14%	0.401%
254	16.718	16.689	16.769	HH	9730	414318	30.55%	0.468%
255	16.833	16.769	16.907	HH	12711	757031	55.83%	0.855%
256	16.986	16.907	17.047	HH	10475	749807	55.30%	0.847%
257	17.071	17.047	17.108	HH	8994	316496	23.34%	0.358%
258	17.123	17.108	17.144	HH	8626	182871	13.49%	0.207%
259	17.168	17.144	17.190	HH	8538	227553	16.78%	0.257%
260	17.220	17.190	17.238	HH	9720	254790	18.79%	0.288%
261	17.283	17.238	17.374	HH	12030	737201	54.37%	0.833%
262	17.426	17.374	17.485	HH	10382	599919	44.24%	0.678%
263	17.494	17.485	17.512	HH	8398	133396	9.84%	0.151%
264	17.519	17.512	17.542	HH	8296	148831	10.98%	0.168%
265	17.564	17.542	17.595	HH	8719	269966	19.91%	0.305%
266	17.609	17.595	17.622	HH	8443	134064	9.89%	0.151%
267	17.661	17.622	17.684	HH	8597	316210	23.32%	0.357%
268	17.719	17.684	17.755	HH	11764	410293	30.26%	0.464%
269	17.778	17.755	17.800	HH	9026	236812	17.46%	0.268%
270	17.816	17.800	17.824	HH	8488	123914	9.14%	0.140%
271	17.858	17.824	17.908	HH	10144	465116	34.30%	0.526%
272	17.932	17.908	17.959	HH	8978	270322	19.94%	0.305%
273	17.997	17.959	18.024	HH	9485	352579	26.00%	0.398%
274	18.036	18.024	18.055	HH	9004	166574	12.28%	0.188%
275	18.098	18.055	18.112	HH	9306	310128	22.87%	0.350%
276	18.140	18.112	18.181	HH	12004	420787	31.03%	0.475%
277	18.268	18.181	18.317	HH	10868	815111	60.11%	0.921%
278	18.339	18.317	18.374	HH	10315	342254	25.24%	0.387%
279	18.408	18.374	18.502	HH	10292	771540	56.90%	0.872%
280	18.550	18.502	18.601	HH	12372	649828	47.92%	0.734%
281	18.620	18.601	18.635	HH	10596	209990	15.49%	0.237%
Sum of corrected areas:						88494141		

Aliphatic EPH 052722.M Thu Jun 02 15:35:58 2022