

rteres

Instrument :

FID_C

ClientSampleId :

L2-WC-4MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC05162
Data File : FC068907.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 17:06
Sample : Q2048-13MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.260	3.204	3.282	BV	132	999	0.01%	0.001%
2	3.336	3.282	3.391	PV	305	8430	0.12%	0.006%
3	3.399	3.391	3.405	VV	93	594	0.01%	0.000%
4	3.440	3.405	3.531	VV	279991	2342466	33.59%	1.723%
5	3.545	3.531	3.554	PV	127	1235	0.02%	0.001%
6	3.567	3.554	3.587	VV	188	2612	0.04%	0.002%
7	3.622	3.587	3.635	VV	207	4282	0.06%	0.003%
8	3.644	3.635	3.670	VV	222	2313	0.03%	0.002%
9	3.688	3.670	3.698	PV	193	2119	0.03%	0.002%
10	3.734	3.698	3.791	VV	1560	21315	0.31%	0.016%
11	3.826	3.791	3.904	VV	362	7901	0.11%	0.006%
12	3.925	3.904	4.004	PV	283	5615	0.08%	0.004%
13	4.024	4.004	4.074	VV	228	3771	0.05%	0.003%
14	4.089	4.074	4.108	VV	297	2740	0.04%	0.002%
15	4.119	4.108	4.128	VV	158	1331	0.02%	0.001%
16	4.147	4.128	4.184	VV	213	4585	0.07%	0.003%
17	4.210	4.184	4.233	VV	189	3469	0.05%	0.003%
18	4.260	4.233	4.318	VV	1337	21825	0.31%	0.016%
19	4.340	4.318	4.353	VV	195	2973	0.04%	0.002%
20	4.366	4.353	4.423	VV	166	4097	0.06%	0.003%
21	4.439	4.423	4.474	VV	178	3192	0.05%	0.002%
22	4.516	4.474	4.539	VV	303303	2734012	39.20%	2.011%
23	4.561	4.539	4.604	VV	338053	2952153	42.33%	2.172%
24	4.623	4.604	4.644	VV	2748	27012	0.39%	0.020%
25	4.669	4.644	4.758	VV	4853	50623	0.73%	0.037%
26	4.772	4.758	4.791	VV	218	2874	0.04%	0.002%
27	4.803	4.791	4.839	VV	169	2976	0.04%	0.002%
28	4.855	4.839	4.884	VV	201	2506	0.04%	0.002%
29	4.907	4.884	4.917	PV	109	1301	0.02%	0.001%
30	4.931	4.917	4.958	VV	154	2041	0.03%	0.002%
31	4.966	4.958	5.025	VV	143	3319	0.05%	0.002%
32	5.050	5.025	5.077	VV	224	2830	0.04%	0.002%
33	5.126	5.077	5.138	VV	149	3676	0.05%	0.003%
34	5.165	5.138	5.181	VV	170	2260	0.03%	0.002%
35	5.237	5.181	5.332	VV	220	9501	0.14%	0.007%
36	5.339	5.332	5.357	VV	90	952	0.01%	0.001%

					retention				
37	5.375	5.357	5.408	PV	288	4338	0.06%	0.003%	
38	5.415	5.408	5.430	VV	129	1345			
39	5.439	5.430	5.487	VV	161	3477			
40	5.496	5.487	5.502	VV	103	807			
41	5.555	5.502	5.570	VV	1043	12530			
42	5.583	5.570	5.648	VV	962	14086			
43	5.668	5.648	5.682	VV	153	2250	0.03%	0.002%	
44	5.711	5.682	5.731	PV	120	2424	0.03%	0.002%	
45	5.744	5.731	5.754	VV	111	1228	0.02%	0.001%	
46	5.779	5.754	5.789	VV	125	1666	0.02%	0.001%	
47	5.807	5.789	5.844	VV	321	4614	0.07%	0.003%	
48	5.857	5.844	5.869	VV	130	1553	0.02%	0.001%	
49	5.913	5.869	6.051	VV	2074	64709	0.93%	0.048%	
50	6.113	6.051	6.151	VV	353870	3250087	46.60%	2.391%	
51	6.161	6.151	6.189	VV	616	11790	0.17%	0.009%	
52	6.197	6.189	6.235	VV	373	8221	0.12%	0.006%	
53	6.255	6.235	6.284	VV	416	8552	0.12%	0.006%	
54	6.302	6.284	6.348	VV	350	8649	0.12%	0.006%	
55	6.382	6.364	6.419	VV	276	6985	0.10%	0.005%	
56	6.426	6.419	6.465	VV	233	4592	0.07%	0.003%	
57	6.482	6.465	6.491	VV	143	1987	0.03%	0.001%	
58	6.541	6.491	6.591	VV	293299	2874724	41.22%	2.115%	
59	6.609	6.591	6.636	VV	1035	11283	0.16%	0.008%	
60	6.660	6.636	6.734	VV	14836	149436	2.14%	0.110%	
61	6.750	6.734	6.844	VV	119	4748	0.07%	0.003%	
62	6.934	6.844	6.949	VV	350	6122	0.09%	0.005%	
63	6.960	6.949	6.978	VV	267	3088	0.04%	0.002%	
64	7.012	6.978	7.054	VV	3108	34439	0.49%	0.025%	
65	7.078	7.054	7.125	VV	7182	73407	1.05%	0.054%	
66	7.172	7.125	7.282	VV	316387	3034796	43.51%	2.233%	
67	7.309	7.282	7.340	VV	1168	14880	0.21%	0.011%	
68	7.362	7.340	7.377	VV	1473	17293	0.25%	0.013%	
69	7.387	7.377	7.411	VV	649	8320	0.12%	0.006%	
70	7.438	7.411	7.448	VV	759	9045	0.13%	0.007%	
71	7.466	7.448	7.522	VV	2180	38431	0.55%	0.028%	
72	7.530	7.522	7.550	VV	419	6632	0.10%	0.005%	
73	7.561	7.550	7.584	VV	473	6641	0.10%	0.005%	
74	7.588	7.584	7.613	VV	306	3965	0.06%	0.003%	
75	7.645	7.613	7.674	VV	482	8809	0.13%	0.006%	
76	7.696	7.674	7.737	VV	315	6314	0.09%	0.005%	
77	7.875	7.849	7.905	VV	597	12286	0.18%	0.009%	
78	7.923	7.905	7.975	VV	720	12642	0.18%	0.009%	
79	7.985	7.975	8.001	VV	150	2077	0.03%	0.002%	
80	8.033	8.001	8.061	VV	992	13699	0.20%	0.010%	
81	8.089	8.061	8.134	VV	593	12696	0.18%	0.009%	
82	8.148	8.134	8.177	VV	192	3445	0.05%	0.003%	
83	8.198	8.177	8.211	VV	227	3865	0.06%	0.003%	
84	8.251	8.211	8.284	VV	382	12780	0.18%	0.009%	
85	8.339	8.284	8.388	VV	278680	2936383	42.10%	2.160%	
86	8.398	8.388	8.414	VV	203	2387	0.03%	0.002%	
87	8.457	8.414	8.511	VV	346429	3377177	48.42%	2.485%	
88	8.528	8.511	8.547	VV	241	3613	0.05%	0.003%	
89	8.567	8.547	8.604	VV	332	5286	0.08%	0.004%	

Instrument :

FID_C

ClientSampleId :

L2-WC-4MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

90	8.611	8.604	8.621	PV	77	356	0.01%	0.000%
91	8.754	8.721	8.791	VV	353269	3415030	48.10%	2.370%
92	8.806	8.791	8.854	VV	1152	16239	0.07%	0.004%
93	8.873	8.854	8.918	VV	226	3759	0.06%	0.034%
94	8.939	8.918	8.951	VV	157	2622	0.06%	0.034%
95	8.961	8.951	8.980	VV	318	3209	0.09%	0.005%
96	9.024	8.980	9.038	VV	687	9548	0.14%	0.007%
97	9.060	9.038	9.118	VV	1897	26298	0.38%	0.019%
98	9.161	9.118	9.174	VV	687	9335	0.13%	0.007%
99	9.196	9.174	9.203	VV	4595	45831	0.66%	0.034%
100	9.214	9.203	9.284	VV	5412	60039	0.86%	0.044%
101	9.344	9.284	9.381	VV	177	5219	0.07%	0.004%
102	9.396	9.381	9.434	VV	134	3136	0.04%	0.002%
103	9.456	9.434	9.480	VV	222	2803	0.04%	0.002%
104	9.538	9.480	9.568	VV	343752	3564240	51.10%	2.622%
105	9.578	9.568	9.621	VV	565	10870	0.16%	0.008%
106	9.635	9.621	9.653	VV	189	3723	0.05%	0.003%
107	9.681	9.653	9.694	VV	326	5874	0.08%	0.004%
108	9.716	9.694	9.731	VV	1254	16698	0.24%	0.012%
109	9.751	9.731	9.787	VV	5279	57066	0.82%	0.042%
110	9.811	9.787	9.861	VV	11810	123282	1.77%	0.091%
111	9.874	9.861	9.900	VV	415	6343	0.09%	0.005%
112	9.941	9.900	10.013	VV	301131	3221287	46.19%	2.370%
113	10.035	10.013	10.060	VV	275	4895	0.07%	0.004%
114	10.078	10.060	10.102	VV	167	2724	0.04%	0.002%
115	10.112	10.102	10.139	VV	51	857	0.01%	0.001%
116	10.188	10.139	10.208	PV	491	5647	0.08%	0.004%
117	10.224	10.208	10.236	VV	232	2856	0.04%	0.002%
118	10.242	10.236	10.254	VV	95	870	0.01%	0.001%
119	10.285	10.254	10.312	VV	2260	25235	0.36%	0.019%
120	10.363	10.312	10.408	VV	891	20331	0.29%	0.015%
121	10.424	10.408	10.443	VV	218	3371	0.05%	0.002%
122	10.465	10.443	10.514	VV	534	9663	0.14%	0.007%
123	10.523	10.514	10.538	VV	171	1869	0.03%	0.001%
124	10.587	10.538	10.618	VV	296	8976	0.13%	0.007%
125	10.634	10.618	10.649	VV	451	4892	0.07%	0.004%
126	10.678	10.649	10.708	VV	670	10702	0.15%	0.008%
127	10.736	10.708	10.766	VV	4129	69629	1.00%	0.051%
128	10.780	10.766	10.804	VV	391	6358	0.09%	0.005%
129	10.810	10.804	10.834	VV	191	1996	0.03%	0.001%
130	10.876	10.834	10.883	VV	259	4453	0.06%	0.003%
131	10.944	10.883	10.988	VV	339965	3684606	52.83%	2.711%
132	11.018	10.988	11.081	VV	357621	3652470	52.37%	2.687%
133	11.094	11.081	11.115	VV	671	9436	0.14%	0.007%
134	11.129	11.115	11.164	VV	344	7123	0.10%	0.005%
135	11.187	11.164	11.205	VV	954	11947	0.17%	0.009%
136	11.224	11.205	11.288	VV	2034	25668	0.37%	0.019%
137	11.313	11.288	11.335	VV	605	8688	0.12%	0.006%
138	11.385	11.335	11.440	VV	290010	3342928	47.93%	2.459%
139	11.465	11.440	11.511	VV	488	13289	0.19%	0.010%
140	11.520	11.511	11.564	VV	453	8214	0.12%	0.006%
141	11.577	11.564	11.604	VV	218	2618	0.04%	0.002%

Instrument :

FID_C

ClientSampleId :

L2-WC-4MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

Instrument : FID_C									
ClientSampleId : L2-WC-4MS									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 05/19/2025									
Supervised By :mohammad ahmed 05/20/2025									
					rt	Area	Area%	Height	Height%
142	11.710	11.604	11.756	PV	433271	4746077	68.05%	3.492%	
143	11.774	11.756	11.786	VV	450	5799			
144	11.800	11.786	11.821	VV	426	6433			
145	11.838	11.821	11.853	VV	725	9247			
146	11.869	11.853	11.908	VV	672	11694			
147	11.919	11.908	11.971	VV	346	5486			
148	11.987	11.971	12.014	VV	172	1875	0.03%	0.001%	
149	12.049	12.014	12.080	PV	383	7385	0.11%	0.005%	
150	12.104	12.080	12.128	VV	598	9447	0.14%	0.007%	
151	12.167	12.128	12.181	VV	2175	43717	0.63%	0.032%	
152	12.211	12.181	12.251	VV	7040	142548	2.04%	0.105%	
153	12.300	12.251	12.451	VV	38666	575487	8.25%	0.423%	
154	12.464	12.451	12.476	VV	599	8363	0.12%	0.006%	
155	12.518	12.476	12.571	VV	1244	40840	0.59%	0.030%	
156	12.591	12.571	12.612	VV	327	6822	0.10%	0.005%	
157	12.638	12.612	12.658	VV	489	9887	0.14%	0.007%	
158	12.696	12.658	12.729	VV	288980	3472336	49.78%	2.555%	
159	12.766	12.729	12.850	VV	334398	3763422	53.96%	2.769%	
160	12.865	12.850	12.888	VV	150	2454	0.04%	0.002%	
161	12.898	12.888	12.920	VV	377	3166	0.05%	0.002%	
162	12.949	12.920	13.004	VV	3776	47344	0.68%	0.035%	
163	13.065	13.004	13.098	VV	325029	3740974	53.64%	2.752%	
164	13.143	13.098	13.178	VV	306381	3673265	52.67%	2.702%	
165	13.215	13.178	13.237	VV	688	13483	0.19%	0.010%	
166	13.252	13.237	13.274	VV	298	5310	0.08%	0.004%	
167	13.307	13.274	13.344	VV	278131	3336102	47.83%	2.454%	
168	13.402	13.344	13.488	VV	4014	138539	1.99%	0.102%	
169	13.541	13.488	13.636	VV	5006	157711	2.26%	0.116%	
170	13.649	13.636	13.671	VV	708	12527	0.18%	0.009%	
171	13.682	13.671	13.703	VV	718	10727	0.15%	0.008%	
172	13.737	13.703	13.781	VV	771	23932	0.34%	0.018%	
173	13.843	13.781	13.859	VV	1112	21058	0.30%	0.015%	
174	13.895	13.859	13.937	VV	269363	3318553	47.58%	2.441%	
175	13.952	13.937	13.974	VV	295	4547	0.07%	0.003%	
176	13.991	13.974	13.998	VV	213	2125	0.03%	0.002%	
177	14.023	13.998	14.050	VV	896	11403	0.16%	0.008%	
178	14.070	14.050	14.111	VV	702	10203	0.15%	0.008%	
179	14.142	14.111	14.179	VV	239	5529	0.08%	0.004%	
180	14.186	14.179	14.211	VV	146	1773	0.03%	0.001%	
181	14.285	14.211	14.310	VV	1005	20041	0.29%	0.015%	
182	14.331	14.310	14.364	VV	889	13868	0.20%	0.010%	
183	14.381	14.364	14.429	VV	192	4578	0.07%	0.003%	
184	14.457	14.429	14.501	VV	1140	19395	0.28%	0.014%	
185	14.523	14.501	14.543	VV	310	5378	0.08%	0.004%	
186	14.561	14.543	14.608	VV	290	7012	0.10%	0.005%	
187	14.627	14.608	14.648	VV	232	3408	0.05%	0.003%	
188	14.675	14.648	14.717	VV	525	9583	0.14%	0.007%	
189	14.746	14.717	14.785	VV	157	3170	0.05%	0.002%	
190	14.843	14.785	14.872	VV	565	12083	0.17%	0.009%	
191	14.945	14.872	14.965	VV	288331	3676316	52.71%	2.705%	
192	14.992	14.965	15.034	VV	472106	6974697	100.00%	5.131%	
193	15.043	15.034	15.068	VV	781	10990	0.16%	0.008%	
194	15.074	15.068	15.131	VV	627	11295	0.16%	0.008%	

195	15.145	15.131	15.158	VV	272	3394	0.05%	0.002%
196	15.175	15.158	15.221	VV	795	15185		
197	15.237	15.221	15.274	VV	327	7436		
198	15.286	15.274	15.321	VV	237	5848		
199	15.374	15.321	15.458	VV	20655	303258		
200	15.473	15.458	15.488	VV	227	4270		
201	15.517	15.488	15.563	VV	2852	43240	0.62%	0.032%
202	15.598	15.563	15.636	VV	1821	31082	0.45%	0.023%
203	15.648	15.636	15.718	VV	195	4447	0.06%	0.003%
204	15.852	15.718	15.873	PV	563	15976	0.23%	0.012%
205	15.895	15.873	15.956	VV	742	15530	0.22%	0.011%
206	16.022	15.956	16.061	VV	256950	3316604	47.55%	2.440%
207	16.084	16.061	16.109	VV	212	3706	0.05%	0.003%
208	16.117	16.109	16.138	VV	108	1302	0.02%	0.001%
209	16.225	16.138	16.285	PV	677	17244	0.25%	0.013%
210	16.326	16.285	16.343	VV	422	7516	0.11%	0.006%
211	16.390	16.343	16.437	VV	2341	46726	0.67%	0.034%
212	16.504	16.437	16.521	VV	257870	3783125	54.24%	2.783%
213	16.538	16.521	16.569	VV	316228	3718066	53.31%	2.735%
214	16.584	16.569	16.614	VV	1044	17558	0.25%	0.013%
215	16.633	16.614	16.647	VV	272	4030	0.06%	0.003%
216	16.664	16.647	16.688	VV	297	4316	0.06%	0.003%
217	16.697	16.688	16.719	VV	145	2050	0.03%	0.002%
218	16.750	16.719	16.791	VV	2204	32902	0.47%	0.024%
219	16.817	16.791	16.841	VV	480	10024	0.14%	0.007%
220	16.887	16.841	16.918	VV	297436	3648001	52.30%	2.684%
221	16.972	16.918	17.006	VV	245353	3341629	47.91%	2.458%
222	17.022	17.006	17.104	VV	2259	42549	0.61%	0.031%
223	17.120	17.104	17.131	VV	146	1682	0.02%	0.001%
224	17.241	17.131	17.293	PV	294	11195	0.16%	0.008%
225	17.336	17.293	17.374	VV	1422	29773	0.43%	0.022%
226	17.421	17.374	17.457	VV	3355	53624	0.77%	0.039%
227	17.510	17.457	17.533	VV	445	6851	0.10%	0.005%
228	17.546	17.533	17.569	VV	240	3055	0.04%	0.002%
229	17.597	17.569	17.623	VV	204	4225	0.06%	0.003%
230	17.647	17.623	17.674	VV	416	6171	0.09%	0.005%
231	17.702	17.674	17.711	PV	304	4152	0.06%	0.003%
232	17.751	17.711	17.774	VV	2878	44017	0.63%	0.032%
233	17.861	17.774	17.900	VV	243457	3359290	48.16%	2.471%
234	17.948	17.900	17.991	VV	908	22455	0.32%	0.017%
235	18.046	17.991	18.062	VV	454	11858	0.17%	0.009%
236	18.101	18.062	18.148	VV	928	23566	0.34%	0.017%
237	18.260	18.148	18.276	VV	273638	4101696	58.81%	3.018%
238	18.298	18.276	18.358	VV	276537	3610257	51.76%	2.656%
239	18.380	18.358	18.404	VV	1407	32113	0.46%	0.024%
240	18.418	18.404	18.454	VV	923	23806	0.34%	0.018%
241	18.518	18.454	18.561	VV	277184	3662638	52.51%	2.695%
242	18.574	18.561	18.608	VV	1253	28491	0.41%	0.021%
243	18.638	18.608	18.650	VV	1313	25918	0.37%	0.019%
244	18.695	18.650	18.751	VV	234622	3273947	46.94%	2.409%
245	18.788	18.751	18.801	VV	2399	49123	0.70%	0.036%
246	18.815	18.801	18.841	VV	2245	43521	0.62%	0.032%

Instrument :

FID_C

ClientSampleId :

L2-WC-4MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

rteres									
247	18.857	18.841	18.898	VV	1294	37833	0.54%	0.028%	
248	19.051	18.898	19.084	VV	16453	512780			
249	19.095	19.084	19.131	VV	4871	106858			
250	19.177	19.131	19.212	VV	3982	133698			
251	19.233	19.212	19.258	VV	2432	58232			
252	19.290	19.258	19.312	VV	2433	65506			
253	19.344	19.312	19.422	VV	7916	220355	3.16%	0.162%	
254	19.479	19.422	19.527	VV	198213	2907535	41.69%	2.139%	
255	19.547	19.527	19.568	VV	4069	79906	1.15%	0.059%	
256	19.583	19.568	19.616	VV	3200	76637	1.10%	0.056%	
257	19.669	19.616	19.717	VV	3043	160259	2.30%	0.118%	
258	19.767	19.717	19.800	VV	13733	331914	4.76%	0.244%	
259	19.838	19.800	19.907	VV	17405	413616	5.93%	0.304%	
260	19.931	19.907	19.968	VV	3490	119227	1.71%	0.088%	
261	20.015	19.968	20.047	VV	4844	188452	2.70%	0.139%	
262	20.076	20.047	20.087	VV	4412	98414	1.41%	0.072%	
263	20.114	20.087	20.153	VV	4889	179734	2.58%	0.132%	
264	20.219	20.153	20.274	VV	139733	2443704	35.04%	1.798%	
265	20.357	20.274	20.367	VV	6957	293955	4.21%	0.216%	
266	20.383	20.367	20.428	VV	7882	227336	3.26%	0.167%	
267	20.457	20.428	20.469	VV	5074	124023	1.78%	0.091%	
268	20.495	20.469	20.524	VV	5394	169788	2.43%	0.125%	
269	20.579	20.524	20.639	VV	6083	356310	5.11%	0.262%	
270	20.648	20.639	20.661	VV	4698	61068	0.88%	0.045%	
271	20.672	20.661	20.701	VV	4626	109944	1.58%	0.081%	
272	20.711	20.701	20.731	VV	4530	80401	1.15%	0.059%	
273	20.749	20.731	20.834	VV	4476	258897	3.71%	0.190%	
274	20.903	20.834	20.940	VV	4505	263125	3.77%	0.194%	
275	20.991	20.940	21.071	VV	95808	1994599	28.60%	1.467%	
276	21.116	21.071	21.178	VV	3458	211947	3.04%	0.156%	
277	21.215	21.178	21.297	VV	3192	217667	3.12%	0.160%	
278	21.312	21.297	21.401	VV	2927	168204	2.41%	0.124%	
279	21.449	21.401	21.478	VV	2782	122793	1.76%	0.090%	
280	21.516	21.478	21.608	VV	2838	195905	2.81%	0.144%	
281	21.632	21.608	21.692	VV	1947	91693	1.31%	0.067%	
282	21.700	21.692	21.768	VV	1626	66316	0.95%	0.049%	
283	21.817	21.768	21.844	VV	1394	62397	0.89%	0.046%	
284	21.883	21.844	21.900	VV	1241	40934	0.59%	0.030%	
285	21.967	21.900	22.078	VV	59902	1576166	22.60%	1.160%	
286	22.089	22.078	22.108	VV	779	13236	0.19%	0.010%	
287	22.184	22.108	22.301	VV	1080	75770	1.09%	0.056%	
288	22.351	22.301	22.404	VV	345	14644	0.21%	0.011%	
Sum of corrected areas:					135929237				

Instrument :

FID_C

ClientSampleId :

L2-WC-4MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

Aliphatic EPH 050625.M Mon May 19 07:35:25 2025