

rteres

Instrument :

FID_C

ClientSampleId :

SOIL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10092
Data File : FC069964.D
Signal(s) : FID1A.ch
Acq On : 08 Oct 2025 13:00
Sample : Q3301-01D
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.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	3.231	3.204	3.249	BV	2699	-217265	-0.14%	-0.004%
2	3.278	3.249	3.309	PV	13336	166809	0.11%	0.003%
3	3.384	3.309	3.464	PV	234584	3069137	1.93%	0.064%
4	3.511	3.464	3.550	PV	41056	790804	0.50%	0.016%
5	3.586	3.550	3.611	VV	35872	704986	0.44%	0.015%
6	3.655	3.611	3.683	VV	107931	1942466	1.22%	0.040%
7	3.708	3.683	3.732	VV	52059	1035118	0.65%	0.021%
8	3.759	3.732	3.801	VV	167059	2659687	1.67%	0.055%
9	3.830	3.801	3.864	VV	95922	1932430	1.22%	0.040%
10	3.882	3.864	3.946	VV	102693	2164569	1.36%	0.045%
11	3.975	3.946	4.021	VV	101035	2767806	1.74%	0.057%
12	4.084	4.021	4.105	VV	295905	6366238	4.01%	0.132%
13	4.151	4.105	4.194	VV	316442	5177236	3.26%	0.107%
14	4.226	4.194	4.249	VV	154392	3147624	1.98%	0.065%
15	4.264	4.249	4.340	VV	178173	4550186	2.86%	0.094%
16	4.370	4.340	4.390	VV	96620	1576656	0.99%	0.033%
17	4.413	4.390	4.434	VV	140014	2100216	1.32%	0.043%
18	4.460	4.434	4.488	VV	1248463	12733535	8.02%	0.264%
19	4.532	4.488	4.551	VV	119010	2697738	1.70%	0.056%
20	4.568	4.551	4.592	VV	69773	1364164	0.86%	0.028%
21	4.623	4.592	4.642	VV	144819	2886863	1.82%	0.060%
22	4.714	4.642	4.755	VV	477460	11925338	7.51%	0.247%
23	4.790	4.755	4.821	VV	270354	7773738	4.89%	0.161%
24	4.837	4.821	4.853	VV	358381	4266810	2.69%	0.088%
25	4.873	4.853	4.896	VV	381293	5688213	3.58%	0.118%
26	4.935	4.896	4.958	VV	410458	7858702	4.95%	0.163%
27	4.985	4.958	5.041	VV	246000	7430041	4.68%	0.154%
28	5.102	5.041	5.123	VV	556833	13194380	8.31%	0.273%
29	5.142	5.123	5.191	VV	549640	11988639	7.55%	0.248%
30	5.204	5.191	5.281	VV	602280	10715725	6.75%	0.222%
31	5.304	5.281	5.337	VV	279647	7115758	4.48%	0.147%
32	5.391	5.337	5.438	VV	381119	16017735	10.08%	0.332%
33	5.452	5.438	5.473	VV	304139	4830584	3.04%	0.100%
34	5.509	5.473	5.558	VV	2510614	40714202	25.63%	0.843%
35	5.574	5.558	5.609	VV	244999	5284667	3.33%	0.109%
36	5.638	5.609	5.671	VV	222162	7047202	4.44%	0.146%

Parameters							
37	5.692	5.671	5.731	VV	859060	14838445	9.34% 0.307%
38	5.792	5.731	5.830	VV	661217	23930756	15.88% 0.307%
39	5.878	5.830	5.937	VV	486144	22088890	13.88% 0.307%
40	5.958	5.937	5.982	VV	495602	8478986	5.88% 0.307%
41	6.007	5.982	6.031	VV	571022	10803465	6.00% 0.258%
42	6.062	6.031	6.084	VV	686696	14689985	9.88% 0.258%
43	6.104	6.084	6.126	VV	787105	12446844	7.84% 0.258%
44	6.149	6.126	6.172	VV	880154	14112392	8.88% 0.292%
45	6.208	6.172	6.261	VV	792466	25930140	16.32% 0.537%
46	6.279	6.261	6.307	VV	435877	10772512	6.78% 0.223%
47	6.329	6.307	6.352	VV	613891	11987809	7.55% 0.248%
48	6.372	6.352	6.391	VV	520219	9529949	6.00% 0.197%
49	6.427	6.391	6.455	VV	727425	18865554	11.88% 0.391%
50	6.501	6.455	6.568	VV	3206613	61251609	38.56% 1.269%
51	6.644	6.568	6.668	VV	1359417	35553105	22.38% 0.736%
52	6.689	6.668	6.734	VV	711695	21429543	13.49% 0.444%
53	6.771	6.734	6.794	VV	790053	18548513	11.68% 0.384%
54	6.824	6.794	6.866	VV	746085	23721125	14.93% 0.491%
55	6.898	6.866	6.924	VV	1126393	22890415	14.41% 0.474%
56	7.009	6.924	7.034	VV	1004438	40903765	25.75% 0.847%
57	7.055	7.034	7.078	VV	1105668	19489818	12.27% 0.404%
58	7.101	7.078	7.139	VV	1095292	27201647	17.12% 0.563%
59	7.157	7.139	7.178	VV	990914	16850626	10.61% 0.349%
60	7.202	7.178	7.240	VV	1334089	28743547	18.09% 0.595%
61	7.257	7.240	7.279	VV	638141	12591444	7.93% 0.261%
62	7.302	7.279	7.323	VV	762190	15334527	9.65% 0.318%
63	7.345	7.323	7.363	VV	600191	13154644	8.28% 0.272%
64	7.435	7.363	7.531	VV	3922656	118482872	74.59% 2.454%
65	7.544	7.531	7.567	VV	655761	13308753	8.38% 0.276%
66	7.599	7.567	7.670	VV	1270424	47365038	29.82% 0.981%
67	7.690	7.670	7.707	VV	569949	12135860	7.64% 0.251%
68	7.742	7.707	7.832	VV	931842	55086322	34.68% 1.141%
69	7.880	7.832	7.924	VV	1057262	47587076	29.96% 0.986%
70	7.946	7.924	7.969	VV	1168395	22951939	14.45% 0.475%
71	7.995	7.969	8.018	VV	1439876	28104058	17.69% 0.582%
72	8.048	8.018	8.081	VV	1394605	36748694	23.13% 0.761%
73	8.123	8.081	8.151	VV	1770285	41314128	26.01% 0.856%
74	8.172	8.151	8.194	VV	764125	18555580	11.68% 0.384%
75	8.214	8.194	8.233	VV	1012295	19793591	12.46% 0.410%
76	8.318	8.233	8.373	VV	4462097	134619864	84.75% 2.788%
77	8.404	8.373	8.432	VV	1012296	31699494	19.96% 0.657%
78	8.471	8.432	8.509	VV	1154732	44435578	27.97% 0.920%
79	8.531	8.509	8.564	VV	1093159	30333929	19.10% 0.628%
80	8.594	8.564	8.641	VV	952041	38319718	24.12% 0.794%
81	8.673	8.641	8.692	VV	1156347	30369096	19.12% 0.629%
82	8.721	8.692	8.737	VV	1239447	30733857	19.35% 0.637%
83	8.754	8.737	8.779	VV	1244410	29587525	18.63% 0.613%
84	8.797	8.779	8.818	VV	1292779	26612046	16.75% 0.551%
85	8.849	8.818	8.874	VV	2901963	59397975	37.39% 1.230%
86	8.896	8.874	8.938	VV	1464574	39870718	25.10% 0.826%
87	8.988	8.938	9.034	VV	1042722	51364817	32.33% 1.064%
88	9.068	9.034	9.091	VV	1145502	33851209	21.31% 0.701%
89	9.152	9.091	9.198	VV	5184162	139440997	87.78% 2.888%

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90	9.217	9.198	9.245	VV	1243778	29331616	18.46%	0.607%
91	9.267	9.245	9.318	VV	967146	38228220	24.46%	0.607%
92	9.363	9.318	9.398	VV	1061392	44158922	27.46%	0.607%
93	9.417	9.398	9.441	VV	975571	24424461	18.46%	0.607%
94	9.457	9.441	9.474	VV	944335	17303664	10.46%	0.607%
95	9.507	9.474	9.563	VV	2086415	70978576	44.46%	0.607%
96	9.590	9.563	9.613	VV	1621208	37411345	23.55%	0.775%
97	9.637	9.613	9.658	VV	1661476	33337523	20.99%	0.690%
98	9.688	9.658	9.718	VV	1462092	39216732	24.69%	0.812%
99	9.744	9.718	9.778	VV	858639	29138509	18.34%	0.603%
100	9.867	9.778	9.883	VV	1285558	60097052	37.83%	1.245%
101	9.933	9.883	9.961	VV	5456359	125097109	78.75%	2.591%
102	9.988	9.961	10.061	VV	1057783	56595302	35.63%	1.172%
103	10.085	10.061	10.104	VV	938265	22167067	13.95%	0.459%
104	10.121	10.104	10.168	VV	885152	32057993	20.18%	0.664%
105	10.185	10.168	10.212	VV	946283	22315506	14.05%	0.462%
106	10.307	10.212	10.334	VV	2993713	105043819	66.13%	2.176%
107	10.351	10.334	10.369	VV	1368910	23747125	14.95%	0.492%
108	10.390	10.369	10.417	VV	1527485	32440487	20.42%	0.672%
109	10.444	10.417	10.478	VV	1493842	36693899	23.10%	0.760%
110	10.494	10.478	10.511	VV	781136	15090152	9.50%	0.313%
111	10.576	10.511	10.608	VV	924822	48076602	30.26%	0.996%
112	10.673	10.608	10.701	VV	4961097	127795556	80.45%	2.647%
113	10.741	10.701	10.807	VV	3534385	98300111	61.88%	2.036%
114	10.852	10.807	10.880	VV	862148	35991011	22.66%	0.745%
115	10.905	10.880	10.940	VV	959188	30368502	19.12%	0.629%
116	10.982	10.940	11.012	VV	1223506	45400222	28.58%	0.940%
117	11.046	11.012	11.085	VV	1506334	50476583	31.78%	1.045%
118	11.106	11.085	11.133	VV	1339917	29451646	18.54%	0.610%
119	11.157	11.133	11.194	VV	1184132	32745643	20.61%	0.678%
120	11.213	11.194	11.238	VV	768398	20073480	12.64%	0.416%
121	11.304	11.238	11.324	VV	825805	40349691	25.40%	0.836%
122	11.374	11.324	11.424	VV	4570076	116176805	73.14%	2.406%
123	11.458	11.424	11.493	VV	2675917	60472853	38.07%	1.252%
124	11.510	11.493	11.534	VV	813721	18563434	11.69%	0.384%
125	11.551	11.534	11.575	VV	785843	17502367	11.02%	0.362%
126	11.651	11.575	11.691	VV	1111642	60357902	38.00%	1.250%
127	11.707	11.691	11.724	VV	854167	15626769	9.84%	0.324%
128	11.750	11.724	11.772	VV	1196400	27840345	17.53%	0.577%
129	11.787	11.772	11.814	VV	1057874	22367288	14.08%	0.463%
130	11.836	11.814	11.888	VV	1013428	34093412	21.46%	0.706%
131	11.908	11.888	11.964	VV	726710	31214851	19.65%	0.646%
132	12.043	11.964	12.192	VV	3936733	158852165	100.00%	3.290%
133	12.221	12.192	12.268	VV	667227	28074655	17.67%	0.581%
134	12.296	12.268	12.381	VV	873784	48471922	30.51%	1.004%
135	12.431	12.381	12.460	VV	1033601	36120625	22.74%	0.748%
136	12.482	12.460	12.558	VV	785854	35533554	22.37%	0.736%
137	12.579	12.558	12.616	VV	668617	20562809	12.94%	0.426%
138	12.676	12.616	12.710	VV	3223261	77021851	48.49%	1.595%
139	12.728	12.710	12.775	VV	669531	22537810	14.19%	0.467%
140	12.801	12.775	12.858	VV	562675	25250557	15.90%	0.523%
141	12.912	12.858	12.997	VV	654065	44465680	27.99%	0.921%

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142	13.050	12.997	13.081	VV	662495	28003647	17.63%	0.580%
143	13.103	13.081	13.128	VV	1138354	20285541	12.83%	0.422%
144	13.152	13.128	13.225	VV	617568	27280290	17.63%	0.580%
145	13.280	13.225	13.416	VV	2601856	79160409	49.12%	1.988%
146	13.435	13.416	13.458	VV	371266	8758009	5.92%	0.240%
147	13.495	13.458	13.592	VV	547609	32529451	20.52%	0.816%
148	13.643	13.592	13.666	VV	436245	16713368	10.52%	0.346%
149	13.688	13.666	13.728	VV	490593	13517185	8.51%	0.280%
150	13.753	13.728	13.799	VV	327731	13005238	8.19%	0.269%
151	13.857	13.799	13.888	VV	1748600	34580437	21.77%	0.716%
152	13.909	13.888	14.015	VV	326912	20258126	12.75%	0.420%
153	14.074	14.015	14.158	VV	342752	22312232	14.05%	0.462%
154	14.175	14.158	14.189	VV	246532	4184005	2.63%	0.087%
155	14.207	14.189	14.224	VV	259825	5031950	3.17%	0.104%
156	14.256	14.224	14.296	VV	269186	9690480	6.10%	0.201%
157	14.317	14.296	14.354	VV	196634	6356014	4.00%	0.132%
158	14.412	14.354	14.448	VV	1048402	20379973	12.83%	0.422%
159	14.471	14.448	14.578	VV	195786	12666689	7.97%	0.262%
160	14.610	14.578	14.705	VV	188157	11574733	7.29%	0.240%
161	14.720	14.705	14.735	VV	138635	2330189	1.47%	0.048%
162	14.752	14.735	14.774	VV	145008	3132963	1.97%	0.065%
163	14.798	14.774	14.904	VV	156203	9094903	5.73%	0.188%
164	14.945	14.904	14.978	VV	512061	9582971	6.03%	0.198%
165	14.998	14.978	15.108	VV	109093	7228297	4.55%	0.150%
166	15.138	15.108	15.171	VV	105299	3443411	2.17%	0.071%
167	15.187	15.171	15.261	VV	88768	4322964	2.72%	0.090%
168	15.276	15.261	15.304	VV	82249	1965130	1.24%	0.041%
169	15.326	15.304	15.358	VV	83613	2368669	1.49%	0.049%
170	15.371	15.358	15.424	VV	71186	2564244	1.61%	0.053%
171	15.461	15.424	15.618	VV	231894	8894146	5.60%	0.184%
172	15.643	15.618	15.741	VV	61681	3825722	2.41%	0.079%
173	15.776	15.741	15.807	VV	54071	1946020	1.23%	0.040%
174	15.834	15.807	15.875	VV	47870	1831182	1.15%	0.038%
175	15.890	15.875	15.934	VV	41826	1428192	0.90%	0.030%
176	15.959	15.934	16.048	VV	107171	3529274	2.22%	0.073%
177	16.061	16.048	16.111	VV	35217	1253884	0.79%	0.026%
178	16.132	16.111	16.172	VV	40445	1332673	0.84%	0.028%
179	16.188	16.172	16.229	VV	35849	1150410	0.72%	0.024%
180	16.273	16.229	16.304	VV	35874	1523797	0.96%	0.032%
181	16.318	16.304	16.414	VV	34124	2005298	1.26%	0.042%
182	16.442	16.414	16.531	VV	55403	2306571	1.45%	0.048%
183	16.544	16.531	16.574	VV	25644	649130	0.41%	0.013%
184	16.607	16.574	16.638	VV	30723	1070733	0.67%	0.022%
185	16.648	16.638	16.724	VV	28621	1385463	0.87%	0.029%
186	16.746	16.724	16.776	VV	28277	831520	0.52%	0.017%
187	16.790	16.776	16.852	VV	27564	1130324	0.71%	0.023%
188	16.908	16.852	17.001	VV	36584	2291406	1.44%	0.047%
189	17.063	17.001	17.109	VV	26332	1537457	0.97%	0.032%
190	17.146	17.109	17.190	VV	23699	1122551	0.71%	0.023%
191	17.220	17.190	17.272	VV	23024	1117165	0.70%	0.023%
192	17.291	17.272	17.318	VV	21807	584089	0.37%	0.012%
193	17.361	17.318	17.430	VV	28440	1544389	0.97%	0.032%
194	17.503	17.430	17.578	VV	23985	1924528	1.21%	0.040%

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195	17.591	17.578	17.619	VV	20720	508972	0.32%	0.011%
196	17.661	17.619	17.684	VV	22110	814281		
197	17.796	17.684	17.887	VV	25163	2557428		
198	17.938	17.887	18.048	VV	23455	1976193		
199	18.087	18.048	18.138	VV	20530	1065223		
200	18.175	18.138	18.198	VV	21075	719573		
201	18.221	18.198	18.289	VV	25672	1112855	0.70%	0.023%
202	18.353	18.289	18.408	VV	20918	1354396	0.85%	0.028%
203	18.421	18.408	18.461	VV	19438	583354	0.37%	0.012%
204	18.492	18.461	18.588	VV	20702	1419404	0.89%	0.029%
205	18.633	18.588	18.672	VV	20939	962008	0.61%	0.020%
206	18.704	18.672	18.721	VV	17951	516150	0.32%	0.011%
207	18.748	18.721	18.861	VV	18958	1529252	0.96%	0.032%
208	18.881	18.861	18.902	VV	17868	432763	0.27%	0.009%
209	18.929	18.902	18.968	VV	18051	687818	0.43%	0.014%
210	19.029	18.968	19.120	VV	20496	1618796	1.02%	0.034%
211	19.215	19.120	19.371	VV	18858	2563187	1.61%	0.053%
212	19.417	19.371	19.493	VV	19524	1314055	0.83%	0.027%
213	19.540	19.493	19.606	VV	17357	1124499	0.71%	0.023%
214	19.632	19.606	19.687	VV	16884	796946	0.50%	0.017%
215	19.704	19.687	19.766	VV	17202	779122	0.49%	0.016%
216	19.789	19.766	19.804	VV	18070	382800	0.24%	0.008%
217	19.835	19.804	19.871	VV	18036	680851	0.43%	0.014%
218	19.896	19.871	20.004	VV	16339	1231948	0.78%	0.026%
219	20.010	20.004	20.081	VV	15495	676967	0.43%	0.014%
220	20.157	20.081	20.186	VV	16336	953762	0.60%	0.020%
221	20.202	20.186	20.235	VV	15040	433576	0.27%	0.009%
222	20.250	20.235	20.304	VV	14965	596983	0.38%	0.012%
223	20.338	20.304	20.591	VV	14756	2159276	1.36%	0.045%
224	20.614	20.591	20.728	VV	10930	823956	0.52%	0.017%
225	20.743	20.728	20.814	VV	9682	456401	0.29%	0.009%
226	20.833	20.814	20.877	VV	7707	283146	0.18%	0.006%
227	20.907	20.877	21.118	VV	7815	916062	0.58%	0.019%
228	21.129	21.118	21.158	VV	4904	115591	0.07%	0.002%
229	21.174	21.158	21.208	VV	4565	130800	0.08%	0.003%
230	21.220	21.208	21.464	VV	4503	523195	0.33%	0.011%
231	21.483	21.464	21.628	VV	2604	205216	0.13%	0.004%
232	21.642	21.628	21.715	VV	1936	81388	0.05%	0.002%
233	21.727	21.715	21.798	VV	1331	58132	0.04%	0.001%
234	21.820	21.798	21.921	VV	1128	52331	0.03%	0.001%
235	21.934	21.921	21.981	VV	287	5969	0.00%	0.000%

Sum of corrected areas: 4828433372

Aliphatic EPH 100725.M Thu Oct 09 06:18:09 2025

Instrument :

FID_C

ClientSampleId :

SOIL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025