

Instrument :

FID_C

ClientSampleId :

13-1MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F0

Data File : FC069889.D

Signal(s) : FID1A.ch

Acq On : 30 Sep 2025 20:07

Sample : Q3245-01MSD

Misc :

ALS Vial : 17 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/01/2025

Supervised By :mohammad ahmed 10/03/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.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	3.239	3.204	3.256	BV	383	3659	0.03%	0.002%
2	3.266	3.256	3.325	VV	531	8581	0.08%	0.004%
3	3.334	3.325	3.350	VV	131	1013	0.01%	0.000%
4	3.383	3.350	3.501	PV	370678	3188844	29.79%	1.541%
5	3.514	3.501	3.574	VV	452	13239	0.12%	0.006%
6	3.585	3.574	3.614	VV	176	2991	0.03%	0.001%
7	3.651	3.614	3.664	VV	224	4078	0.04%	0.002%
8	3.682	3.664	3.720	VV	574	11939	0.11%	0.006%
9	3.737	3.720	3.752	VV	707	7681	0.07%	0.004%
10	3.771	3.752	3.847	VV	7037	63244	0.59%	0.031%
11	3.868	3.847	3.918	VV	4962	48395	0.45%	0.023%
12	3.927	3.918	3.939	VV	316	3104	0.03%	0.001%
13	3.967	3.939	4.011	VV	345	8635	0.08%	0.004%
14	4.041	4.011	4.070	VV	445	9088	0.08%	0.004%
15	4.082	4.070	4.118	VV	490	8902	0.08%	0.004%
16	4.150	4.118	4.164	VV	327	6734	0.06%	0.003%
17	4.180	4.164	4.200	VV	379	6909	0.06%	0.003%
18	4.221	4.200	4.274	VV	992	17477	0.16%	0.008%
19	4.290	4.274	4.337	VV	284	6533	0.06%	0.003%
20	4.385	4.337	4.423	VV	242	8385	0.08%	0.004%
21	4.457	4.423	4.478	VV	425023	3761142	35.13%	1.817%
22	4.500	4.478	4.591	VV	444896	3931693	36.73%	1.900%
23	4.602	4.591	4.698	VV	791	24969	0.23%	0.012%
24	4.709	4.698	4.728	VV	349	4642	0.04%	0.002%
25	4.741	4.728	4.771	VV	243	3834	0.04%	0.002%
26	4.790	4.771	4.862	PV	207	7130	0.07%	0.003%
27	4.921	4.862	4.958	VV	218	7484	0.07%	0.004%
28	4.967	4.958	4.980	VV	175	1067	0.01%	0.001%
29	4.990	4.980	5.009	VV	110	1057	0.01%	0.001%
30	5.059	5.009	5.081	VV	286	6905	0.06%	0.003%
31	5.103	5.081	5.153	VV	290	6065	0.06%	0.003%

32	5.178	5.153	5.225	VV	241	5780	0.05%	0.003%
33	5.236	5.225	5.267	VV	188	243		
34	5.285	5.267	5.297	VV	158	236		
35	5.315	5.297	5.355	VV	478	703		
36	5.371	5.355	5.401	VV	147	266		
37	5.410	5.401	5.434	VV	151	1181	0.01%	0.001%
38	5.450	5.434	5.474	PV	96	1128	0.01%	0.001%
39	5.494	5.474	5.513	VV	1511	14990	0.14%	0.007%
40	5.527	5.513	5.578	VV	518	9872	0.09%	0.005%
41	5.602	5.578	5.680	VV	368	10452	0.10%	0.005%
42	5.689	5.680	5.710	VV	168	2208	0.02%	0.001%
43	5.743	5.710	5.776	VV	407	7462	0.07%	0.004%
44	5.791	5.776	5.805	VV	233	2633	0.02%	0.001%
45	5.837	5.805	5.888	VV	311	6584	0.06%	0.003%
46	5.954	5.888	5.985	VV	230	8094	0.08%	0.004%
47	6.003	5.985	6.018	VV	222	3151	0.03%	0.002%
48	6.049	6.018	6.174	VV	491894	4647060	43.41%	2.245%
49	6.194	6.174	6.261	VV	652	17695	0.17%	0.009%
50	6.265	6.261	6.273	VV	317	1740	0.02%	0.001%
51	6.291	6.273	6.301	VV	276	3970	0.04%	0.002%
52	6.328	6.301	6.338	VV	452	7929	0.07%	0.004%
53	6.346	6.338	6.375	VV	482	7915	0.07%	0.004%
54	6.388	6.375	6.403	VV	355	4226	0.04%	0.002%
55	6.414	6.403	6.428	VV	332	3461	0.03%	0.002%
56	6.479	6.428	6.538	VV	447504	4456921	41.63%	2.154%
57	6.550	6.538	6.604	VV	1064	19647	0.18%	0.009%
58	6.628	6.604	6.692	VV	445	14609	0.14%	0.007%
59	6.712	6.692	6.730	VV	208	4160	0.04%	0.002%
60	6.766	6.730	6.791	VV	285	6845	0.06%	0.003%
61	6.798	6.791	6.821	VV	256	2622	0.02%	0.001%
62	6.839	6.821	6.874	VV	197	3974	0.04%	0.002%
63	6.898	6.874	6.931	VV	335	6081	0.06%	0.003%
64	6.955	6.931	6.990	VV	3249	46513	0.43%	0.022%
65	7.014	6.990	7.068	VV	6920	78621	0.73%	0.038%
66	7.108	7.068	7.225	VV	493438	4835722	45.17%	2.337%
67	7.244	7.225	7.278	VV	1143	20878	0.20%	0.010%
68	7.299	7.278	7.314	VV	1572	20981	0.20%	0.010%
69	7.323	7.314	7.356	VV	892	13037	0.12%	0.006%
70	7.374	7.356	7.386	VV	666	8855	0.08%	0.004%
71	7.403	7.386	7.424	VV	1282	15085	0.14%	0.007%
72	7.464	7.424	7.484	VV	371	9256	0.09%	0.004%
73	7.496	7.484	7.525	VV	371	5558	0.05%	0.003%
74	7.581	7.525	7.608	VV	424	9396	0.09%	0.005%
75	7.626	7.608	7.671	VV	277	7013	0.07%	0.003%
76	7.818	7.794	7.844	VV	817	20029	0.19%	0.010%
77	7.857	7.844	7.944	VV	850	21966	0.21%	0.011%
78	7.971	7.944	7.988	VV	569	8898	0.08%	0.004%
79	8.027	7.988	8.121	VV	610	25305	0.24%	0.012%

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80	8.176	8.121	8.217	VV	488	17747	0.17%	0.009%
81	8.279	8.217	8.355	VV	481770	512526		
82	8.393	8.355	8.534	VV	535591	537917		
83	8.691	8.656	8.732	VV	545961	554048		
84	8.744	8.732	8.792	VV	1393	2984		
85	8.807	8.792	8.857	VV	360	10600	0.10%	0.005%
86	8.885	8.857	8.931	VV	472	13168	0.12%	0.006%
87	8.964	8.931	9.071	VV	1420	43303	0.40%	0.021%
88	9.099	9.071	9.131	VV	1093	16348	0.15%	0.008%
89	9.157	9.131	9.184	VV	278	6064	0.06%	0.003%
90	9.195	9.184	9.251	VV	200	4353	0.04%	0.002%
91	9.283	9.251	9.318	PV	211	5450	0.05%	0.003%
92	9.336	9.318	9.350	VV	178	2097	0.02%	0.001%
93	9.362	9.350	9.414	VV	123	2621	0.02%	0.001%
94	9.476	9.414	9.591	VV	556006	5731933	53.54%	2.770%
95	9.597	9.591	9.636	VV	343	8190	0.08%	0.004%
96	9.657	9.636	9.668	VV	1023	12367	0.12%	0.006%
97	9.687	9.668	9.724	VV	5903	70676	0.66%	0.034%
98	9.749	9.724	9.840	VV	36867	428122	4.00%	0.207%
99	9.881	9.840	9.951	VV	522250	5664780	52.91%	2.737%
100	9.980	9.951	10.015	VV	472	10411	0.10%	0.005%
101	10.104	10.015	10.138	VV	898	13261	0.12%	0.006%
102	10.163	10.138	10.198	VV	295	4569	0.04%	0.002%
103	10.223	10.198	10.250	VV	3637	41034	0.38%	0.020%
104	10.261	10.250	10.284	VV	256	3395	0.03%	0.002%
105	10.318	10.284	10.378	VV	418	9840	0.09%	0.005%
106	10.402	10.378	10.414	VV	253	2871	0.03%	0.001%
107	10.434	10.414	10.444	VV	132	1106	0.01%	0.001%
108	10.510	10.444	10.523	VV	277	6846	0.06%	0.003%
109	10.538	10.523	10.548	VV	223	2480	0.02%	0.001%
110	10.573	10.548	10.584	VV	321	5238	0.05%	0.003%
111	10.618	10.584	10.651	VV	559	12121	0.11%	0.006%
112	10.681	10.651	10.705	VV	4627	61560	0.58%	0.030%
113	10.714	10.705	10.790	VV	723	14204	0.13%	0.007%
114	10.881	10.790	10.924	VV	521813	5809615	54.27%	2.807%
115	10.958	10.924	11.016	VV	534348	5813433	54.30%	2.809%
116	11.032	11.016	11.093	VV	1179	27693	0.26%	0.013%
117	11.125	11.093	11.149	VV	2784	35316	0.33%	0.017%
118	11.173	11.149	11.225	VV	1379	23286	0.22%	0.011%
119	11.251	11.225	11.272	VV	462	6552	0.06%	0.003%
120	11.325	11.272	11.374	VV	513158	5938322	55.47%	2.869%
121	11.399	11.374	11.461	VV	1034	18589	0.17%	0.009%
122	11.484	11.461	11.502	PV	678	7060	0.07%	0.003%
123	11.513	11.502	11.551	VV	254	3309	0.03%	0.002%
124	11.647	11.551	11.704	PV	575914	6314607	58.98%	3.051%
125	11.739	11.704	11.763	VV	1809	30513	0.29%	0.015%
126	11.777	11.763	11.818	VV	714	15948	0.15%	0.008%

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 10/03/2025

127	11.831	11.818	11.844	VV	451	5816	0.05%	0.003%
128	11.860	11.844	11.917	VV	484	836		
129	11.927	11.917	11.938	VV	163	159		
130	11.944	11.938	11.961	VV	157	136		
131	11.993	11.961	12.025	PV	463	944		
132	12.050	12.025	12.064	VV	412	5906	0.06%	0.003%
133	12.086	12.064	12.131	VV	593	10840	0.10%	0.005%
134	12.140	12.131	12.178	VV	126	2803	0.03%	0.001%
135	12.240	12.178	12.302	VV	43888	516557	4.83%	0.250%
136	12.323	12.302	12.408	VV	2806	70752	0.66%	0.034%
137	12.456	12.408	12.508	VV	1633	38976	0.36%	0.019%
138	12.570	12.508	12.598	VV	566	15153	0.14%	0.007%
139	12.637	12.598	12.666	VV	505019	6038551	56.41%	2.918%
140	12.704	12.666	12.767	VV	502100	5705247	53.29%	2.757%
141	12.784	12.767	12.850	VV	619	13557	0.13%	0.007%
142	12.885	12.850	12.960	VV	5176	64027	0.60%	0.031%
143	13.003	12.960	13.031	VV	494695	5645755	52.74%	2.728%
144	13.081	13.031	13.146	VV	437338	5264125	49.17%	2.544%
145	13.160	13.146	13.172	VV	269	3647	0.03%	0.002%
146	13.197	13.172	13.207	VV	314	4765	0.04%	0.002%
147	13.249	13.207	13.311	VV	473820	5889862	55.02%	2.846%
148	13.338	13.311	13.385	VV	231	4958	0.05%	0.002%
149	13.443	13.385	13.463	VV	398	8645	0.08%	0.004%
150	13.481	13.463	13.571	VV	1325	33220	0.31%	0.016%
151	13.591	13.571	13.603	VV	374	5725	0.05%	0.003%
152	13.624	13.603	13.642	VV	687	10430	0.10%	0.005%
153	13.672	13.642	13.718	VV	1142	26066	0.24%	0.013%
154	13.782	13.718	13.797	VV	1267	22212	0.21%	0.011%
155	13.835	13.797	13.915	VV	459271	5802169	54.20%	2.804%
156	13.959	13.915	13.991	VV	698	11818	0.11%	0.006%
157	14.010	13.991	14.057	VV	852	15202	0.14%	0.007%
158	14.068	14.057	14.092	VV	222	3242	0.03%	0.002%
159	14.103	14.092	14.133	VV	191	2554	0.02%	0.001%
160	14.145	14.133	14.158	VV	119	1013	0.01%	0.000%
161	14.223	14.158	14.248	PV	1505	25664	0.24%	0.012%
162	14.274	14.248	14.320	VV	2319	36365	0.34%	0.018%
163	14.343	14.320	14.367	VV	251	4789	0.04%	0.002%
164	14.396	14.367	14.438	VV	2415	38827	0.36%	0.019%
165	14.455	14.438	14.477	VV	534	7904	0.07%	0.004%
166	14.501	14.477	14.541	VV	533	10489	0.10%	0.005%
167	14.567	14.541	14.581	VV	221	3386	0.03%	0.002%
168	14.618	14.581	14.668	VV	594	11967	0.11%	0.006%
169	14.679	14.668	14.692	VV	211	1902	0.02%	0.001%
170	14.702	14.692	14.715	VV	124	1368	0.01%	0.001%
171	14.738	14.715	14.753	VV	211	3269	0.03%	0.002%
172	14.781	14.753	14.835	VV	707	14907	0.14%	0.007%
173	14.884	14.835	14.904	VV	393670	5181106	48.40%	2.504%
174	14.933	14.904	15.071	VV	729625	10705693	100.00%	5.173%

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2025

Supervised By :mohammad ahmed 10/03/2025

175	15.106	15.088	15.167	VV	592	14058	0.13%	0.007%
176	15.190	15.167	15.208	VV	160	286		
177	15.229	15.208	15.241	VV	161	271		
178	15.247	15.241	15.274	VV	297	323		
179	15.313	15.274	15.401	VV	27198	40025		
180	15.410	15.401	15.426	VV	385	4118	0.04%	0.002%
181	15.455	15.426	15.498	VV	3672	64199	0.60%	0.031%
182	15.533	15.498	15.571	VV	823	25835	0.24%	0.012%
183	15.583	15.571	15.619	VV	272	4656	0.04%	0.002%
184	15.727	15.619	15.744	PV	220	8695	0.08%	0.004%
185	15.794	15.744	15.808	PV	524	10321	0.10%	0.005%
186	15.833	15.808	15.866	VV	1050	18998	0.18%	0.009%
187	15.881	15.866	15.891	VV	275	3464	0.03%	0.002%
188	15.962	15.891	16.038	VV	418296	5413372	50.57%	2.616%
189	16.052	16.038	16.072	VV	152	2343	0.02%	0.001%
190	16.087	16.072	16.128	VV	151	3093	0.03%	0.001%
191	16.160	16.128	16.202	VV	961	14870	0.14%	0.007%
192	16.266	16.202	16.295	PV	574	12586	0.12%	0.006%
193	16.330	16.295	16.378	VV	2451	46376	0.43%	0.022%
194	16.443	16.378	16.459	VV	330167	4810043	44.93%	2.324%
195	16.479	16.459	16.546	VV	393349	4866532	45.46%	2.352%
196	16.571	16.546	16.630	VV	3992	69815	0.65%	0.034%
197	16.638	16.630	16.664	VV	312	5461	0.05%	0.003%
198	16.690	16.664	16.724	VV	2284	36660	0.34%	0.018%
199	16.758	16.724	16.774	VV	560	14089	0.13%	0.007%
200	16.825	16.774	16.871	VV	337275	4516345	42.19%	2.182%
201	16.911	16.871	17.051	VV	373081	5260634	49.14%	2.542%
202	17.059	17.051	17.071	VV	249	2740	0.03%	0.001%
203	17.145	17.071	17.158	VV	315	12093	0.11%	0.006%
204	17.185	17.158	17.194	VV	384	7406	0.07%	0.004%
205	17.203	17.194	17.219	VV	408	4896	0.05%	0.002%
206	17.274	17.219	17.318	VV	2151	52315	0.49%	0.025%
207	17.360	17.318	17.416	VV	5234	98955	0.92%	0.048%
208	17.450	17.416	17.476	VV	540	16390	0.15%	0.008%
209	17.529	17.476	17.566	VV	560	23811	0.22%	0.012%
210	17.601	17.566	17.617	VV	488	13699	0.13%	0.007%
211	17.689	17.617	17.721	VV	2386	66794	0.62%	0.032%
212	17.800	17.721	17.951	VV	326454	5018741	46.88%	2.425%
213	17.995	17.951	18.011	VV	1030	34746	0.32%	0.017%
214	18.037	18.011	18.061	VV	1148	30572	0.29%	0.015%
215	18.067	18.061	18.088	VV	1007	15821	0.15%	0.008%
216	18.200	18.088	18.216	VV	311950	4707539	43.97%	2.275%
217	18.237	18.216	18.402	VV	327135	4758325	44.45%	2.299%
218	18.457	18.402	18.553	VV	289225	4417296	41.26%	2.134%
219	18.569	18.553	18.588	VV	2777	55437	0.52%	0.027%
220	18.632	18.588	18.824	VV	290796	4977398	46.49%	2.405%
221	18.834	18.824	18.864	VV	2667	62562	0.58%	0.030%

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						Instrument : FID_C ClientSampleId : 13-1MSD		
222	18.890	18.864	18.904	VV	2674	61734	0.58%	0.030%
223	18.924	18.904	18.940	VV	2768	5748	Manual IntegrationsAPPROVED	
224	18.985	18.940	19.008	VV	9941	23643		
225	19.027	19.008	19.078	VV	8265	23229	Reviewed By :Yogesh Patel 10/01/2025 Supervised By :mohammad ahmed 10/03/2025	
226	19.111	19.078	19.151	VV	3694	14943		
227	19.164	19.151	19.187	VV	3312	69293	0.65%	0.033%
228	19.226	19.187	19.254	VV	4320	146820	1.37%	0.071%
229	19.275	19.254	19.308	VV	3833	114471	1.07%	0.055%
230	19.329	19.308	19.357	VV	3697	104928	0.98%	0.051%
231	19.417	19.357	19.670	VV	261707	5205273	48.62%	2.515%
232	19.698	19.670	19.728	VV	6031	199621	1.86%	0.096%
233	19.786	19.728	19.854	VV	8874	493739	4.61%	0.239%
234	19.888	19.854	19.908	VV	6039	190944	1.78%	0.092%
235	19.972	19.908	19.988	VV	6783	299844	2.80%	0.145%
236	20.041	19.988	20.108	VV	7990	529967	4.95%	0.256%
237	20.156	20.108	20.268	VV	221480	4344389	40.58%	2.099%
238	20.316	20.268	20.345	VV	15851	618655	5.78%	0.299%
239	20.379	20.345	20.484	VV	13593	943263	8.81%	0.456%
240	20.512	20.484	20.598	VV	10945	672706	6.28%	0.325%
241	20.613	20.598	20.668	VV	9304	387161	3.62%	0.187%
242	20.676	20.668	20.777	VV	9191	572603	5.35%	0.277%
243	20.794	20.777	20.861	VV	8577	423391	3.95%	0.205%
244	20.916	20.861	21.281	VV	175240	5626232	52.55%	2.719%
245	21.288	21.281	21.318	VV	8701	189588	1.77%	0.092%
246	21.354	21.318	21.511	VV	8972	955555	8.93%	0.462%
247	21.528	21.511	21.609	VV	7738	449925	4.20%	0.217%
248	21.616	21.609	21.658	VV	7629	218839	2.04%	0.106%
249	21.663	21.658	21.761	VV	7477	456637	4.27%	0.221%
250	21.781	21.761	21.795	VV	7174	141448	1.32%	0.068%
251	21.867	21.795	21.931	VBA	122257	3559634	33.25%	1.720%
Sum of corrected areas:						206952368		

Aliphatic EPH 092325.M Wed Oct 01 04:43:05 2025