

rters  
Area Percent Report

Instrument :  
FID\_E  
ClientSampleId :  
72-11929-E2DL

Manual IntegrationsAPPROVED  
Reviewed By :Yogesh Patel 06/25/2025  
Supervised By :mohammad ahmed 06/26/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data

Data File : FE054564.D

Signal(s) : FID1B.ch

Acq On : 24 Jun 2025 10:05

Sample : Q2381-06DL 2X

Misc :

ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH  
061025.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	2.830	2.804	2.854	BV	109	1689	0.03%	0.001%
2	2.863	2.854	2.978	VV	91	2957	0.06%	0.003%
3	3.010	2.978	3.083	PV	657	15442	0.30%	0.013%
4	3.090	3.083	3.126	VV	151	1872	0.04%	0.002%
5	3.131	3.126	3.144	VV	34	641	0.01%	0.001%
6	3.167	3.144	3.221	VV	409	7834	0.15%	0.007%
7	3.225	3.221	3.247	VV	118	1149	0.02%	0.001%
8	3.257	3.247	3.275	PV	57	793	0.02%	0.001%
9	3.313	3.275	3.328	VV	165	4207	0.08%	0.004%

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10	3.363	3.328	3.466	VV	9851	119212	2.13%	0.006%
11	3.482	3.466	3.511	VV	276	6652	0.13%	0.006%
12	3.523	3.511	3.548	VV	458	6628	0.13%	0.006%
13	3.580	3.548	3.604	VV	547	10483	0.20%	0.009%
14	3.625	3.604	3.640	VV	812	11091	0.21%	0.010%
15	3.661	3.640	3.756	VV	5738	92461	1.78%	0.079%
16	3.781	3.756	3.832	VV	3520	60702	1.17%	0.052%
17	3.857	3.832	3.954	VV	19708	255027	4.92%	0.219%
18	3.964	3.954	3.994	VV	558	12158	0.23%	0.010%
19	4.008	3.994	4.034	VV	550	10639	0.21%	0.009%
20	4.041	4.034	4.138	VV	390	19017	0.37%	0.016%
21	4.175	4.138	4.196	VV	1342	26587	0.51%	0.023%
22	4.212	4.196	4.265	VV	991	24257	0.47%	0.021%
23	4.279	4.265	4.290	VV	331	4409	0.09%	0.004%
24	4.307	4.290	4.361	VV	546	14391	0.28%	0.012%
25	4.372	4.361	4.417	VV	325	8218	0.16%	0.007%
26	4.438	4.417	4.494	VV	466	13133	0.25%	0.011%
27	4.506	4.494	4.536	VV	201	4570	0.09%	0.004%
28	4.551	4.536	4.597	VV	255	6872	0.13%	0.006%
29	4.614	4.597	4.644	VV	233	5087	0.10%	0.004%
30	4.681	4.644	4.705	VV	395	10793	0.21%	0.009%
31	4.715	4.705	4.878	VV	400	22802	0.44%	0.020%
32	4.901	4.878	4.917	VV	238	4044	0.08%	0.003%
33	4.930	4.917	4.988	VV	196	6191	0.12%	0.005%
34	4.995	4.988	5.099	VV	137	7422	0.14%	0.006%
35	5.115	5.099	5.137	VV	165	2521	0.05%	0.002%

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36	5.151	5.137	5.163	VV	150	1379	0.03%	
37	5.194	5.163	5.228	VV	205	3833	0.07%	
38	5.237	5.228	5.268	VV	135	1935	0.04%	0.002%
39	5.275	5.268	5.315	VV	98	1749	0.03%	0.001%
40	5.331	5.315	5.344	VV	124	1374	0.03%	0.001%
41	5.353	5.344	5.391	VV	159	2292	0.04%	0.002%
42	5.412	5.391	5.442	PV	203	4490	0.09%	0.004%
43	5.452	5.442	5.494	VV	118	2717	0.05%	0.002%
44	5.501	5.494	5.543	VV	93	1541	0.03%	0.001%
45	5.581	5.543	5.683	VV	380	9064	0.17%	0.008%
46	5.695	5.683	5.718	PV	114	1186	0.02%	0.001%
47	5.736	5.718	5.764	VV	266	4213	0.08%	0.004%
48	5.782	5.764	5.831	VV	141	2436	0.05%	0.002%
49	5.837	5.831	5.854	VV	41	887	0.02%	0.001%
50	5.909	5.854	5.978	VV	262	10278	0.20%	0.009%
51	5.987	5.978	5.999	VV	159	945	0.02%	0.001%
52	6.025	5.999	6.033	VV	98	1019	0.02%	0.001%
53	6.070	6.033	6.085	VV	127	2505	0.05%	0.002%
54	6.095	6.085	6.131	VV	93	1866	0.04%	0.002%
55	6.192	6.131	6.253	VV	319	14314	0.28%	0.012%
56	6.264	6.253	6.303	VV	236	4960	0.10%	0.004%
57	6.323	6.303	6.347	VV	244	5288	0.10%	0.005%
58	6.508	6.347	6.544	VV	687	50684	0.98%	0.043%
59	6.571	6.544	6.582	VV	650	13105	0.25%	0.011%
60	6.611	6.582	6.688	VV	734	33350	0.64%	0.029%

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61	6.691	6.688	6.744	VV	421	10151	0.2	
62	6.768	6.744	6.785	VV	345	5936	0.11	
63	6.798	6.785	6.835	VV	172	4120	0.08	
64	6.841	6.835	6.848	VV	131	786	0.02%	0.001%
65	6.871	6.848	6.884	VV	142	2161	0.04%	0.002%
66	6.898	6.884	6.925	VV	147	1927	0.04%	0.002%
67	6.945	6.925	6.956	VV	136	1147	0.02%	0.001%
68	6.969	6.956	7.010	VV	142	1452	0.03%	0.001%
69	7.027	7.010	7.095	PV	116	3052	0.06%	0.003%
70	7.110	7.095	7.216	VV	131	4728	0.09%	0.004%
71	7.243	7.216	7.257	VV	100	2073	0.04%	0.002%
72	7.283	7.257	7.303	VV	269	5312	0.10%	0.005%
73	7.338	7.303	7.368	VV	329	8883	0.17%	0.008%
74	7.401	7.368	7.544	VV	490	21577	0.42%	0.019%
75	7.567	7.544	7.721	VV	427	13252	0.26%	0.011%
76	7.740	7.721	7.775	VV	181	1986	0.04%	0.002%
77	8.174	8.155	8.246	VV	804	29670	0.57%	0.025%
78	8.272	8.246	8.297	VV	593	14306	0.28%	0.012%
79	8.376	8.297	8.424	VV	1588	71299	1.38%	0.061%
80	8.451	8.424	8.530	VV	2996	74322	1.43%	0.064%
81	8.569	8.530	8.688	VV	2577	76643	1.48%	0.066%
82	8.705	8.688	8.738	PV	235	3155	0.06%	0.003%
83	8.946	8.911	9.084	VV	4556	312505	6.03%	0.268%
84	9.123	9.084	9.154	VV	1478	58100	1.12%	0.050%
85	9.191	9.154	9.254	VV	2576	100846	1.95%	0.086%
86	9.282	9.254	9.305	VV	2099	47165	0.91%	0.040%

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87	9.322	9.305	9.351	VV	1578	36220	0.1	
88	9.359	9.351	9.386	VV	1272	22748	0.4	
89	9.432	9.386	9.451	VV	1775	51168	0.9	
90	9.479	9.451	9.498	VV	1851	43980	0.85%	0.038%
91	9.569	9.498	9.594	VV	2052	102713	1.98%	0.088%
92	9.616	9.594	9.631	VV	2533	48188	0.93%	0.041%
93	9.670	9.631	9.694	VV	3094	96552	1.86%	0.083%
94	9.737	9.694	9.761	VV	3180	106402	2.05%	0.091%
95	9.821	9.761	9.851	VV	3677	171864	3.32%	0.147%
96	9.950	9.851	10.040	VV	10315	645840	12.47%	0.554%
97	10.063	10.040	10.121	VV	6685	272191	5.25%	0.233%
98	10.159	10.121	10.198	VV	5862	255672	4.94%	0.219%
99	10.232	10.198	10.271	VV	6542	270960	5.23%	0.232%
100	10.409	10.271	10.428	VV	10467	710047	13.71%	0.609%
101	10.449	10.428	10.468	VV	10065	226991	4.38%	0.195%
102	10.534	10.468	10.574	VV	13229	699740	13.51%	0.600%
103	10.598	10.574	10.623	VV	12224	341090	6.58%	0.292%
104	10.723	10.623	10.744	VV	13344	909527	17.56%	0.780%
105	10.875	10.744	10.899	VV	18033	1420080	27.41%	1.218%
106	10.956	10.899	10.978	VV	17108	769426	14.85%	0.660%
107	11.031	10.978	11.054	VV	19354	813499	15.70%	0.698%
108	11.075	11.054	11.102	VV	26574	651123	12.57%	0.558%
109	11.121	11.102	11.138	VV	22793	462629	8.93%	0.397%
110	11.205	11.138	11.271	VV	32333	1880597	36.30%	1.612%
111	11.285	11.271	11.301	VV	21481	382463	7.38%	0.328%
112	11.338	11.301	11.357	VV	22109	734272	14.17%	0.630%

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113	11.390	11.357	11.408	VV	23134	689451		
114	11.436	11.408	11.458	VV	25167	708542		
115	11.473	11.458	11.491	VV	24721	488115		
116	11.511	11.491	11.540	VV	25794	725716	14.01%	0.622%
117	11.598	11.540	11.644	VV	28406	1595804	30.81%	1.368%
118	11.705	11.644	11.720	VV	27981	1193479	23.04%	1.023%
119	11.752	11.720	11.771	VV	29129	852312	16.45%	0.731%
120	11.823	11.771	11.858	VV	361160	5180097	100.00%	4.442%
121	11.877	11.858	11.893	VV	33574	684044	13.21%	0.587%
122	11.913	11.893	11.938	VV	35028	875406	16.90%	0.751%
123	11.982	11.938	12.007	VV	37002	1387572	26.79%	1.190%
124	12.055	12.007	12.088	VV	35268	1630351	31.47%	1.398%
125	12.117	12.088	12.141	VV	33549	1029544	19.88%	0.883%
126	12.180	12.141	12.214	VV	34638	1455760	28.10%	1.248%
127	12.282	12.214	12.354	VV	36708	2865118	55.31%	2.457%
128	12.431	12.354	12.454	VV	38479	2103580	40.61%	1.804%
129	12.480	12.454	12.517	VV	38246	1371962	26.49%	1.176%
130	12.546	12.517	12.617	VV	41107	2296272	44.33%	1.969%
131	12.664	12.617	12.714	VV	39612	2123404	40.99%	1.821%
132	12.776	12.714	12.804	VV	41614	2050138	39.58%	1.758%
133	12.832	12.804	12.868	VV	40265	1453583	28.06%	1.246%
134	12.893	12.868	13.006	VV	72241	3650969	70.48%	3.130%
135	13.040	13.006	13.061	VV	37277	1192941	23.03%	1.023%
136	13.079	13.061	13.123	VV	37423	1358364	26.22%	1.165%
137	13.191	13.123	13.232	VV	71724	2842307	54.87%	2.437%
138	13.268	13.232	13.338	VV	267777	5172302	99.85%	4.435%

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139	13.362	13.338	13.418	VV	40775	179602		
140	13.436	13.418	13.450	VV	38341	704297		
141	13.482	13.450	13.571	VV	50991	2835316	54.73%	2.431%
142	13.592	13.571	13.631	VV	38435	1290654	24.92%	1.107%
143	13.653	13.631	13.681	VV	37491	1068459	20.63%	0.916%
144	13.703	13.681	13.722	VV	36024	862949	16.66%	0.740%
145	13.791	13.722	13.839	VV	37085	2468156	47.65%	2.116%
146	13.851	13.839	13.876	VV	34019	730736	14.11%	0.627%
147	13.936	13.876	14.004	VV	35599	2537834	48.99%	2.176%
148	14.023	14.004	14.041	VV	34349	716634	13.83%	0.614%
149	14.063	14.041	14.140	VV	35664	1879967	36.29%	1.612%
150	14.167	14.140	14.203	VV	29213	1056277	20.39%	0.906%
151	14.229	14.203	14.278	VV	31125	1244038	24.02%	1.067%
152	14.290	14.278	14.318	VV	25811	609554	11.77%	0.523%
153	14.335	14.318	14.358	VV	25771	605733	11.69%	0.519%
154	14.374	14.358	14.388	VV	25327	445541	8.60%	0.382%
155	14.404	14.388	14.448	VV	25093	885570	17.10%	0.759%
156	14.477	14.448	14.504	VV	25726	859271	16.59%	0.737%
157	14.522	14.504	14.566	VV	27079	908566	17.54%	0.779%
158	14.591	14.566	14.701	VV	25800	1905580	36.79%	1.634%
159	14.719	14.701	14.741	VV	23237	543971	10.50%	0.466%
160	14.768	14.741	14.811	VV	25641	938905	18.13%	0.805%
161	14.832	14.811	14.860	VV	21954	606320	11.70%	0.520%
162	14.877	14.860	14.944	VV	20072	976107	18.84%	0.837%
163	14.968	14.944	15.028	VV	19063	886783	17.12%	0.760%
164	15.085	15.028	15.104	VV	34784	1036506	20.01%	0.889%

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165	15.125	15.104	15.218	VV	38757	153259		
166	15.244	15.218	15.268	VV	17536	484995		
167	15.285	15.268	15.371	VV	15649	870719	16.81%	0.747%
168	15.387	15.371	15.411	VV	13252	309805	5.98%	0.266%
169	15.440	15.411	15.504	VV	14747	726208	14.02%	0.623%
170	15.539	15.504	15.619	VV	17979	950526	18.35%	0.815%
171	15.654	15.619	15.683	VV	14862	499671	9.65%	0.428%
172	15.710	15.683	15.734	VV	16808	404188	7.80%	0.347%
173	15.760	15.734	15.841	VV	24838	877996	16.95%	0.753%
174	15.868	15.841	15.885	VV	10626	260579	5.03%	0.223%
175	15.907	15.885	16.068	VV	10976	891401	17.21%	0.764%
176	16.111	16.068	16.128	VV	6590	227418	4.39%	0.195%
177	16.151	16.128	16.184	VV	9502	235084	4.54%	0.202%
178	16.213	16.184	16.301	VV	8260	362856	7.00%	0.311%
179	16.340	16.301	16.384	VV	5606	225988	4.36%	0.194%
180	16.459	16.384	16.494	VV	5480	284119	5.48%	0.244%
181	16.551	16.494	16.608	VV	9676	429197	8.29%	0.368%
182	16.650	16.608	16.761	VV	36490	1248314	24.10%	1.070%
183	16.786	16.761	16.880	VV	7244	253244	4.89%	0.217%
184	16.921	16.880	16.944	VV	6790	136365	2.63%	0.117%
185	16.974	16.944	17.010	VV	21356	370437	7.15%	0.318%
186	17.041	17.010	17.080	VV	21021	445837	8.61%	0.382%
187	17.100	17.080	17.125	VV	8104	170250	3.29%	0.146%
188	17.180	17.125	17.248	VV	19714	496245	9.58%	0.425%
189	17.280	17.248	17.364	VV	3602	174652	3.37%	0.150%
190	17.429	17.364	17.457	VV	3417	134832	2.60%	0.116%



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191	17.495	17.457	17.520	VV	10746	263326		
192	17.552	17.520	17.598	VV	37867	675621		
193	17.632	17.598	17.680	VV	4501	161858	3.12%	0.139%
194	17.710	17.680	17.793	VV	3842	134600	2.60%	0.115%
195	17.828	17.793	17.851	PV	1210	19252	0.37%	0.017%
196	17.883	17.851	17.928	VV	1331	28620	0.55%	0.025%
197	17.990	17.928	18.037	VV	9090	169445	3.27%	0.145%
198	18.082	18.037	18.109	VV	14893	257778	4.98%	0.221%
199	18.127	18.109	18.184	VV	5926	155203	3.00%	0.133%
200	18.215	18.184	18.246	VV	2818	55177	1.07%	0.047%
201	18.309	18.246	18.346	PV	6960	163498	3.16%	0.140%
202	18.415	18.346	18.544	VV	42144	1231714	23.78%	1.056%
203	18.588	18.544	18.653	VV	1763	73639	1.42%	0.063%
204	18.690	18.653	18.764	PV	9103	230507	4.45%	0.198%
205	18.825	18.764	18.854	VV	12703	255652	4.94%	0.219%
206	18.886	18.854	18.904	VV	6714	140551	2.71%	0.121%
207	18.927	18.904	18.989	VV	15394	362135	6.99%	0.311%
208	19.008	18.989	19.048	VV	4682	82320	1.59%	0.071%
209	19.134	19.048	19.151	PV	3707	99264	1.92%	0.085%
210	19.220	19.151	19.273	VV	24198	948640	18.31%	0.813%
211	19.343	19.273	19.428	VV	16184	691991	13.36%	0.593%
212	19.466	19.428	19.508	VV	7697	204315	3.94%	0.175%
213	19.524	19.508	19.571	VV	2106	50215	0.97%	0.043%
214	19.618	19.571	19.651	PV	4513	112050	2.16%	0.096%
215	19.718	19.651	19.808	VV	13187	576677	11.13%	0.494%

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216	19.892	19.808	19.916	VV	4587	161160		
217	19.952	19.916	20.081	VV	36388	973017		
218	20.127	20.081	20.174	VV	3483	158867		
219	20.351	20.174	20.383	VV	5796	474305	9.16%	0.407%
220	20.414	20.383	20.441	VV	4602	147675	2.85%	0.127%
221	20.507	20.441	20.534	VV	6840	302413	5.84%	0.259%
222	20.650	20.534	20.678	VV	8031	526245	10.16%	0.451%
223	20.709	20.678	20.724	VV	8444	218535	4.22%	0.187%
224	21.076	20.724	21.151	VV	10457	2159739	41.69%	1.852%

Sum of corrected areas: 116628302

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Aliphatic EPH 061025.M Wed Jun 25 03:03:28 2025