

rters
Area Percent Report

Instrument :
FID_E
ClientSampleId :
72-11948DL

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 : FE054560.D

Signal(s) : FID1B.ch

Acq On : 24 Jun 2025 08:04

Sample : Q2380-01DL 5X

Misc :

ALS Vial : 6 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	3.018	2.983	3.084	PV	326	8793	0.26%	0.010%
2	3.092	3.084	3.139	VV	117	2505	0.08%	0.003%
3	3.171	3.139	3.198	VV	233	5111	0.15%	0.006%
4	3.205	3.198	3.247	VV	145	2575	0.08%	0.003%
5	3.265	3.247	3.282	VV	172	2256	0.07%	0.003%
6	3.291	3.282	3.341	VV	158	4413	0.13%	0.005%
7	3.366	3.341	3.504	VV	5182	68594	2.07%	0.077%
8	3.526	3.504	3.560	VV	265	5478	0.17%	0.006%
9	3.582	3.560	3.611	VV	269	5307	0.16%	0.006%

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10	3.626	3.611	3.642	VV	301	4103	0.12	
11	3.665	3.642	3.764	VV	2463	45680	1.3	
12	3.786	3.764	3.836	VV	1380	27852	0.84%	0.031%
13	3.861	3.836	3.952	VV	8713	115318	3.48%	0.129%
14	3.967	3.952	3.978	VV	253	3620	0.11%	0.004%
15	3.986	3.978	4.005	VV	230	3447	0.10%	0.004%
16	4.016	4.005	4.034	VV	244	3491	0.11%	0.004%
17	4.042	4.034	4.148	VV	196	8830	0.27%	0.010%
18	4.181	4.148	4.203	VV	579	10680	0.32%	0.012%
19	4.216	4.203	4.289	VV	384	9566	0.29%	0.011%
20	4.311	4.289	4.342	VV	264	4179	0.13%	0.005%
21	4.354	4.342	4.414	VV	141	2784	0.08%	0.003%
22	4.438	4.414	4.461	VV	223	2968	0.09%	0.003%
23	4.481	4.461	4.548	VV	91	2918	0.09%	0.003%
24	4.556	4.548	4.581	VV	132	1642	0.05%	0.002%
25	4.586	4.581	4.627	VV	83	1165	0.04%	0.001%
26	4.657	4.627	4.704	VV	94	2803	0.08%	0.003%
27	4.714	4.704	4.722	VV	143	694	0.02%	0.001%
28	4.737	4.722	4.748	VV	132	1213	0.04%	0.001%
29	4.762	4.748	4.772	PV	108	1173	0.04%	0.001%
30	4.779	4.772	4.818	VV	94	2529	0.08%	0.003%
31	4.835	4.818	4.851	VV	140	1643	0.05%	0.002%
32	4.898	4.851	4.911	VV	169	3193	0.10%	0.004%
33	4.915	4.911	4.921	VV	140	600	0.02%	0.001%
34	4.945	4.921	4.971	VV	154	2926	0.09%	0.003%
35	4.982	4.971	4.996	VV	89	1217	0.04%	0.001%

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36	5.009	4.996	5.048	VV	153	2815	0.08	
37	5.105	5.048	5.116	VV	136	2417	0.07	
38	5.128	5.116	5.141	VV	135	1412	0.04%	0.002%
39	5.151	5.141	5.197	VV	138	2027	0.06%	0.002%
40	5.208	5.197	5.216	VV	112	704	0.02%	0.001%
41	5.225	5.216	5.238	PV	99	653	0.02%	0.001%
42	5.242	5.238	5.314	VB	92	1548	0.05%	0.002%
43	5.377	5.314	5.394	BV	69	468	0.01%	0.001%
44	5.407	5.394	5.450	PV	90	797	0.02%	0.001%
45	5.463	5.450	5.475	PV	48	290	0.01%	0.000%
46	5.496	5.475	5.508	PV	61	522	0.02%	0.001%
47	5.594	5.508	5.630	PV	153	4707	0.14%	0.005%
48	5.650	5.630	5.671	PV	163	2084	0.06%	0.002%
49	5.715	5.671	5.742	VV	177	4891	0.15%	0.005%
50	5.802	5.742	5.844	VV	284	14213	0.43%	0.016%
51	5.875	5.844	5.908	VV	379	10516	0.32%	0.012%
52	5.967	5.908	6.021	VV	350	22007	0.66%	0.025%
53	6.059	6.021	6.091	VV	393	14750	0.44%	0.016%
54	6.098	6.091	6.107	VV	354	3323	0.10%	0.004%
55	6.130	6.107	6.157	VV	421	11780	0.35%	0.013%
56	6.172	6.157	6.230	VV	497	18700	0.56%	0.021%
57	6.240	6.230	6.252	VV	553	5859	0.18%	0.007%
58	6.290	6.252	6.315	VV	469	16833	0.51%	0.019%
59	6.331	6.315	6.353	VV	545	11205	0.34%	0.013%
60	6.406	6.353	6.443	VV	531	24997	0.75%	0.028%

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61	6.499	6.443	6.549	VV	618	28920	0.8	
62	6.588	6.549	6.758	VV	582	40276	1.2	
63	6.774	6.758	6.802	VV	98	2030	0.06	
64	6.810	6.802	6.863	VV	102	1280	0.04%	0.001%
65	6.874	6.863	6.885	PV	29	164	0.00%	0.000%
66	6.915	6.885	6.944	PV	14	-725	-0.02%	-0.001%
67	6.955	6.944	6.973	PV	21	-215	-0.01%	-0.000%
68	7.024	6.973	7.051	PV	30	-739	-0.02%	-0.001%
69	7.068	7.051	7.098	PV	1	-638	-0.02%	-0.001%
70	7.112	7.098	7.142	PV	38	-194	-0.01%	-0.000%
71	7.172	7.142	7.220	PV	87	749	0.02%	0.001%
72	7.251	7.220	7.274	PV	79	1129	0.03%	0.001%
73	7.338	7.274	7.366	VV	161	4815	0.15%	0.005%
74	7.380	7.366	7.404	VV	146	1943	0.06%	0.002%
75	7.410	7.404	7.541	VV	147	6935	0.21%	0.008%
76	7.574	7.541	7.641	VV	128	3772	0.11%	0.004%
77	7.651	7.641	7.674	PV	45	34	0.00%	0.000%
78	7.706	7.674	7.738	PV	58	77	0.00%	0.000%
79	7.751	7.738	7.760	PV	19	-37	-0.00%	-0.000%
80	8.178	8.154	8.197	VV	1224	26755	0.81%	0.030%
81	8.279	8.197	8.297	VV	1859	88454	2.67%	0.099%
82	8.362	8.297	8.433	VV	3420	192905	5.81%	0.216%
83	8.446	8.433	8.494	VV	1810	54263	1.64%	0.061%
84	8.518	8.494	8.544	VV	1181	32640	0.98%	0.036%
85	8.604	8.544	8.644	VV	1538	73657	2.22%	0.082%
86	8.665	8.644	8.677	VV	1238	22666	0.68%	0.025%

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87	8.707	8.677	8.748	VV	1626	58157	1.7	
88	8.966	8.885	9.051	VV	7459	554054	16	
89	9.071	9.051	9.086	VV	4696	91940	2.7	
90	9.101	9.086	9.119	VV	4333	79593	2.40%	0.089%
91	9.169	9.119	9.177	VV	4695	152710	4.60%	0.171%
92	9.194	9.177	9.218	VV	5400	115747	3.49%	0.129%
93	9.240	9.218	9.274	VV	4441	141079	4.25%	0.158%
94	9.288	9.274	9.301	VV	4220	66168	1.99%	0.074%
95	9.322	9.301	9.352	VV	4528	129815	3.91%	0.145%
96	9.356	9.352	9.387	VV	4340	86746	2.61%	0.097%
97	9.407	9.387	9.421	VV	4465	86342	2.60%	0.097%
98	9.441	9.421	9.461	VV	4789	107722	3.25%	0.120%
99	9.484	9.461	9.504	VV	6104	140377	4.23%	0.157%
100	9.526	9.504	9.542	VV	5414	118791	3.58%	0.133%
101	9.583	9.542	9.604	VV	6437	215417	6.49%	0.241%
102	9.665	9.604	9.696	VV	7337	352498	10.62%	0.394%
103	9.740	9.696	9.768	VV	8583	315883	9.52%	0.353%
104	9.824	9.768	9.856	VV	7793	392001	11.81%	0.438%
105	9.872	9.856	9.884	VV	7854	131737	3.97%	0.147%
106	9.894	9.884	9.913	VV	8092	135849	4.09%	0.152%
107	9.968	9.913	9.991	VV	10420	430533	12.97%	0.481%
108	9.996	9.991	10.011	VV	10110	119916	3.61%	0.134%
109	10.019	10.011	10.038	VV	9863	152067	4.58%	0.170%
110	10.067	10.038	10.092	VV	10300	319208	9.62%	0.357%
111	10.168	10.092	10.191	VV	10754	608794	18.35%	0.680%
112	10.248	10.191	10.272	VV	11777	539739	16.27%	0.603%

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113	10.411	10.272	10.424	VV	13606	1131160		
114	10.451	10.424	10.468	VV	15025	377499		
115	10.483	10.468	10.494	VV	14902	231408		
116	10.538	10.494	10.584	VV	17888	879593	26.51%	0.983%
117	10.597	10.584	10.621	VV	17752	368004	11.09%	0.411%
118	10.665	10.621	10.676	VV	17076	550343	16.59%	0.615%
119	10.693	10.676	10.709	VV	17597	337612	10.17%	0.377%
120	10.730	10.709	10.748	VV	17783	407348	12.28%	0.455%
121	10.805	10.748	10.828	VV	19341	877145	26.43%	0.980%
122	10.877	10.828	10.907	VV	23904	984289	29.66%	1.100%
123	10.928	10.907	10.946	VV	20846	474079	14.29%	0.530%
124	10.964	10.946	10.983	VV	20370	443112	13.35%	0.495%
125	11.003	10.983	11.015	VV	21210	404094	12.18%	0.452%
126	11.036	11.015	11.062	VV	22082	606515	18.28%	0.678%
127	11.077	11.062	11.103	VV	22315	534129	16.10%	0.597%
128	11.123	11.103	11.147	VV	24039	607355	18.30%	0.679%
129	11.207	11.147	11.267	VV	39938	1976783	59.57%	2.209%
130	11.287	11.267	11.300	VV	26240	515235	15.53%	0.576%
131	11.310	11.300	11.323	VV	25727	345429	10.41%	0.386%
132	11.344	11.323	11.364	VV	27049	650146	19.59%	0.727%
133	11.392	11.364	11.413	VV	26764	769628	23.19%	0.860%
134	11.436	11.413	11.457	VV	28140	721541	21.74%	0.806%
135	11.476	11.457	11.494	VV	28503	606553	18.28%	0.678%
136	11.509	11.494	11.548	VV	28119	895016	26.97%	1.000%
137	11.601	11.548	11.628	VV	31819	1381597	41.64%	1.544%
138	11.637	11.628	11.658	VV	28138	502344	15.14%	0.561%

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139	11.669	11.658	11.688	VV	28440	511718		
140	11.737	11.688	11.773	VV	29997	148655		
141	11.825	11.773	11.858	VV	166699	3093228	93.22%	3.457%
142	11.878	11.858	11.892	VV	34456	674677	20.33%	0.754%
143	11.912	11.892	11.934	VV	33305	823225	24.81%	0.920%
144	12.060	12.021	12.091	VV	33821	1399875	42.19%	1.565%
145	12.162	12.142	12.212	VV	36126	1442896	43.48%	1.613%
146	12.290	12.254	12.357	VV	35375	2095646	63.16%	2.342%
147	12.434	12.410	12.457	VV	37875	1025441	30.90%	1.146%
148	12.552	12.521	12.626	VV	41709	2322336	69.99%	2.596%
149	12.755	12.707	12.800	VV	35490	1911790	57.61%	2.137%
150	12.921	12.878	12.958	VV	37584	1670044	50.33%	1.867%
151	13.010	12.988	13.044	VV	33008	1096934	33.06%	1.226%
152	13.057	13.044	13.070	VV	32492	492309	14.84%	0.550%
153	13.082	13.070	13.108	VV	33084	744901	22.45%	0.833%
154	13.134	13.108	13.171	VV	32157	1189756	35.86%	1.330%
155	13.202	13.171	13.236	VV	33174	1260816	38.00%	1.409%
156	13.270	13.236	13.354	VV	115899	3318241	100.00%	3.709%
157	13.364	13.354	13.418	VV	32808	1221360	36.81%	1.365%
158	13.437	13.418	13.461	VV	32815	800016	24.11%	0.894%
159	13.485	13.461	13.552	VV	34479	1697648	51.16%	1.897%
160	13.558	13.552	13.564	VV	29475	210963	6.36%	0.236%
161	13.594	13.564	13.637	VV	30834	1302428	39.25%	1.456%
162	13.659	13.637	13.770	VV	30103	2298479	69.27%	2.569%
163	13.781	13.770	13.833	VV	28278	1051426	31.69%	1.175%
164	13.846	13.833	13.868	VV	27775	565599	17.05%	0.632%

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165	13.886	13.868	13.911	VV	27765	708604		
166	13.936	13.911	13.998	VV	27475	1397150		
167	14.021	13.998	14.046	VV	27949	764330	23.03%	0.854%
168	14.055	14.046	14.099	VV	26406	819153	24.69%	0.916%
169	14.107	14.099	14.148	VV	24848	733897	22.12%	0.820%
170	14.169	14.148	14.211	VV	25462	912461	27.50%	1.020%
171	14.228	14.211	14.242	VV	24948	465727	14.04%	0.521%
172	14.252	14.242	14.282	VV	24740	574819	17.32%	0.642%
173	14.294	14.282	14.364	VV	23600	1126850	33.96%	1.259%
174	14.410	14.364	14.454	VV	22534	1186428	35.75%	1.326%
175	14.472	14.454	14.513	VV	21638	748919	22.57%	0.837%
176	14.528	14.513	14.574	VV	21506	752100	22.67%	0.841%
177	14.591	14.574	14.618	VV	21012	525514	15.84%	0.587%
178	14.647	14.618	14.768	VV	20020	1704151	51.36%	1.905%
179	14.778	14.768	14.808	VV	17829	419959	12.66%	0.469%
180	14.822	14.808	14.869	VV	17562	627358	18.91%	0.701%
181	14.877	14.869	14.896	VV	16858	270976	8.17%	0.303%
182	14.915	14.896	15.069	VV	16538	1576610	47.51%	1.762%
183	15.130	15.069	15.224	VV	15566	1328144	40.03%	1.484%
184	15.233	15.224	15.241	VV	12633	126120	3.80%	0.141%
185	15.258	15.241	15.308	VV	12939	493793	14.88%	0.552%
186	15.317	15.308	15.435	VV	11673	851172	25.65%	0.951%
187	15.446	15.435	15.511	VV	10832	470459	14.18%	0.526%
188	15.550	15.511	15.633	VV	10643	737925	22.24%	0.825%
189	15.651	15.633	15.694	VV	10659	367101	11.06%	0.410%
190	15.716	15.694	15.751	VV	9942	311186	9.38%	0.348%

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191	15.764	15.751	15.814	VV	8716	326705		
192	15.824	15.814	15.844	VV	8252	146002		
193	15.861	15.844	15.931	VV	8094	411316	12.40%	0.460%
194	15.953	15.931	16.087	VV	7824	694577	20.93%	0.776%
195	16.112	16.087	16.131	VV	7415	188622	5.68%	0.211%
196	16.154	16.131	16.204	VV	8472	327648	9.87%	0.366%
197	16.215	16.204	16.259	VV	6908	220626	6.65%	0.247%
198	16.339	16.259	16.401	VV	6988	564614	17.02%	0.631%
199	16.474	16.401	16.530	VV	11019	560156	16.88%	0.626%
200	16.605	16.530	16.615	VV	7177	345792	10.42%	0.386%
201	16.637	16.615	16.655	VV	8068	180688	5.45%	0.202%
202	16.673	16.655	16.684	VV	7842	132111	3.98%	0.148%
203	16.714	16.684	16.774	VV	8129	400702	12.08%	0.448%
204	16.795	16.774	16.878	VV	7146	420733	12.68%	0.470%
205	16.927	16.878	16.966	VV	6867	354100	10.67%	0.396%
206	16.993	16.966	17.030	VH	7532	272050	8.20%	0.304%
207	17.070	17.030	17.083	HH	7816	236221	7.12%	0.264%
208	17.107	17.083	17.141	HH	8700	273942	8.26%	0.306%
209	17.151	17.141	17.164	HH	7318	101159	3.05%	0.113%
210	17.187	17.164	17.226	HH	7391	263916	7.95%	0.295%
211	17.288	17.226	17.307	HH	7531	342451	10.32%	0.383%
212	17.328	17.307	17.390	HH	7150	348704	10.51%	0.390%
213	17.663	17.603	17.689	HH	7978	403535	12.16%	0.451%
214	17.723	17.689	17.740	HH	8249	246813	7.44%	0.276%
215	17.759	17.740	17.802	HH	8267	299393	9.02%	0.335%

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216 17.882 17.802 17.901 HH 8466 487045

217 18.082 18.038 18.104 HH 9320 364790

218 18.135 18.104 18.157 HH 10472 312531

219 18.609 18.587 18.614 HH 11363 180635 5.44% 0.202%

Sum of corrected areas: 89469331

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Aliphatic EPH 061025.M Wed Jun 25 03:46:52 2025