

rters
Area Percent Report

Instrument :
FID_E
ClientSampleId :
72-11948-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 : FE054561.D

Signal(s) : FID1B.ch

Acq On : 24 Jun 2025 08:34

Sample : Q2380-02DL 5X

Misc :

ALS Vial : 7 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	2.871	2.821	2.925	BV	55	1005	0.02%	0.001%
2	2.930	2.925	2.938	VV	29	185	0.00%	0.000%
3	2.944	2.938	2.983	PV	42	812	0.02%	0.001%
4	3.013	2.983	3.105	VV	419	12330	0.26%	0.017%
5	3.130	3.105	3.151	VV	119	2143	0.04%	0.003%
6	3.166	3.151	3.216	VV	260	6062	0.13%	0.008%
7	3.232	3.216	3.243	VV	119	1599	0.03%	0.002%
8	3.318	3.243	3.338	VV	234	6837	0.14%	0.010%
9	3.364	3.338	3.440	VV	6724	81994	1.72%	0.114%

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10	3.450	3.440	3.491	VV	291	7834	0.16		
11	3.524	3.491	3.559	VV	802	14444	0.3		
12	3.579	3.559	3.618	VV	453	10311	0.22%	0.014%	
13	3.628	3.618	3.638	VV	359	3630	0.08%	0.005%	
14	3.662	3.638	3.757	VV	3508	62972	1.32%	0.088%	
15	3.782	3.757	3.838	VV	2057	40849	0.86%	0.057%	
16	3.858	3.838	3.963	VV	12774	168671	3.54%	0.235%	
17	3.979	3.963	4.004	VV	494	10028	0.21%	0.014%	
18	4.011	4.004	4.042	VV	411	7282	0.15%	0.010%	
19	4.052	4.042	4.109	VV	326	10754	0.23%	0.015%	
20	4.174	4.143	4.197	VV	839	16962	0.36%	0.024%	
21	4.211	4.197	4.291	VV	650	19206	0.40%	0.027%	
22	4.306	4.291	4.355	VV	377	10299	0.22%	0.014%	
23	4.364	4.355	4.392	VV	215	4131	0.09%	0.006%	
24	4.412	4.392	4.428	VV	217	3585	0.08%	0.005%	
25	4.443	4.428	4.537	VV	265	10992	0.23%	0.015%	
26	4.547	4.537	4.581	VV	185	3054	0.06%	0.004%	
27	4.585	4.581	4.592	VV	172	804	0.02%	0.001%	
28	4.610	4.592	4.636	VV	159	2991	0.06%	0.004%	
29	4.653	4.636	4.680	VV	370	5572	0.12%	0.008%	
30	4.724	4.680	4.821	VV	163	10546	0.22%	0.015%	
31	4.835	4.821	4.851	VV	148	1839	0.04%	0.003%	
32	4.867	4.851	4.888	VV	175	2301	0.05%	0.003%	
33	4.919	4.888	4.966	VV	164	5078	0.11%	0.007%	
34	4.996	4.966	5.049	VV	168	4676	0.10%	0.007%	
35	5.057	5.049	5.158	VV	100	3491	0.07%	0.005%	

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36	5.168	5.158	5.241	VV	92	2516	0.05	
37	5.243	5.241	5.320	VV	117	2122	0.04	
38	5.328	5.320	5.360	VV	82	764	0.02%	0.001%
39	5.384	5.360	5.411	PV	257	3989	0.08%	0.006%
40	5.422	5.411	5.451	VV	148	1786	0.04%	0.002%
41	5.470	5.451	5.498	VV	98	1966	0.04%	0.003%
42	5.506	5.498	5.541	VV	94	1432	0.03%	0.002%
43	5.551	5.541	5.560	VV	53	388	0.01%	0.001%
44	5.583	5.560	5.612	VV	161	3022	0.06%	0.004%
45	5.620	5.612	5.682	VV	136	3112	0.07%	0.004%
46	5.695	5.682	5.717	PV	121	1322	0.03%	0.002%
47	5.731	5.717	5.831	VV	93	4982	0.10%	0.007%
48	5.841	5.831	5.884	VV	103	1965	0.04%	0.003%
49	5.895	5.884	5.902	VV	68	698	0.01%	0.001%
50	5.935	5.902	5.988	VV	127	2989	0.06%	0.004%
51	5.991	5.988	6.041	VV	96	1151	0.02%	0.002%
52	6.048	6.041	6.094	VV	96	1391	0.03%	0.002%
53	6.103	6.094	6.168	VV	133	2465	0.05%	0.003%
54	6.192	6.168	6.246	VV	153	4993	0.10%	0.007%
55	6.327	6.246	6.360	VV	350	11626	0.24%	0.016%
56	6.493	6.360	6.551	VV	543	46189	0.97%	0.064%
57	6.612	6.551	6.738	VV	636	47260	0.99%	0.066%
58	6.748	6.738	6.811	VV	241	7650	0.16%	0.011%
59	6.827	6.811	6.907	VV	161	5466	0.11%	0.008%
60	6.914	6.907	6.922	VV	94	663	0.01%	0.001%

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61	6.954	6.922	6.993	VV	122	2815	0.06%	
62	7.015	6.993	7.081	VV	84	2682	0.06%	
63	7.091	7.081	7.102	VV	100	809	0.02%	
64	7.133	7.102	7.161	VV	156	2873	0.06%	0.004%
65	7.214	7.161	7.227	VV	140	3031	0.06%	0.004%
66	7.241	7.227	7.284	VV	106	2270	0.05%	0.003%
67	7.307	7.284	7.388	VV	145	6115	0.13%	0.009%
68	7.404	7.388	7.422	VV	152	2333	0.05%	0.003%
69	7.444	7.422	7.484	VV	198	5118	0.11%	0.007%
70	7.499	7.484	7.554	VV	216	7718	0.16%	0.011%
71	7.561	7.554	7.604	VV	224	5706	0.12%	0.008%
72	7.613	7.604	7.681	VV	164	5681	0.12%	0.008%
73	7.695	7.681	7.705	VV	160	1633	0.03%	0.002%
74	7.727	7.705	7.767	VV	176	3948	0.08%	0.005%
75	8.097	8.088	8.154	VV	899	31309	0.66%	0.044%
76	8.177	8.154	8.213	VV	885	24451	0.51%	0.034%
77	8.220	8.213	8.228	VV	504	4367	0.09%	0.006%
78	8.238	8.228	8.252	VV	505	6646	0.14%	0.009%
79	8.280	8.252	8.294	VV	519	13121	0.28%	0.018%
80	8.364	8.294	8.428	VV	1408	77599	1.63%	0.108%
81	8.457	8.428	8.538	VV	2698	83934	1.76%	0.117%
82	8.602	8.538	8.646	VV	819	41386	0.87%	0.058%
83	8.675	8.646	8.682	VV	545	10209	0.21%	0.014%
84	8.706	8.682	8.741	VV	850	22106	0.46%	0.031%
85	8.911	8.897	8.921	VV	3673	51405	1.08%	0.071%
86	8.965	8.921	9.051	VV	5447	297577	6.25%	0.414%

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87	9.069	9.051	9.085	VV	3225	59788	1.1	
88	9.100	9.085	9.119	VV	2891	55018	1.1	
89	9.133	9.119	9.149	VV	2687	45469	0.9	
90	9.192	9.149	9.218	VV	4085	127895	2.69%	0.178%
91	9.238	9.218	9.274	VV	2873	89900	1.89%	0.125%
92	9.287	9.274	9.299	VV	2783	38593	0.81%	0.054%
93	9.318	9.299	9.337	VV	3212	66491	1.40%	0.092%
94	9.348	9.337	9.388	VV	2997	86618	1.82%	0.120%
95	9.405	9.388	9.418	VV	3118	52803	1.11%	0.073%
96	9.444	9.418	9.461	VV	3303	80178	1.68%	0.112%
97	9.482	9.461	9.508	VV	4873	112491	2.36%	0.156%
98	9.524	9.508	9.539	VV	4091	73289	1.54%	0.102%
99	9.583	9.539	9.603	VV	4811	164677	3.46%	0.229%
100	9.634	9.603	9.644	VV	4904	113404	2.38%	0.158%
101	9.666	9.644	9.694	VV	5535	149359	3.14%	0.208%
102	9.736	9.694	9.763	VV	8748	259227	5.44%	0.361%
103	9.801	9.763	9.814	VV	6151	175648	3.69%	0.244%
104	9.822	9.814	9.832	VV	6100	63000	1.32%	0.088%
105	9.839	9.832	9.853	VV	6057	76694	1.61%	0.107%
106	9.890	9.853	9.907	VV	6581	201692	4.23%	0.281%
107	9.967	9.907	9.982	VV	8776	337993	7.10%	0.470%
108	9.992	9.982	10.009	VV	8531	133704	2.81%	0.186%
109	10.017	10.009	10.041	VV	8317	151665	3.18%	0.211%
110	10.069	10.041	10.091	VV	8684	244420	5.13%	0.340%
111	10.108	10.091	10.124	VV	8397	165934	3.48%	0.231%
112	10.161	10.124	10.184	VV	9163	315576	6.63%	0.439%

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113	10.245	10.184	10.275	VV	10145	512923		
114	10.375	10.275	10.388	VV	11086	709895		
115	10.408	10.388	10.424	VV	12076	245121		
116	10.445	10.424	10.461	VV	12947	277150	5.82%	0.385%
117	10.479	10.461	10.497	VV	13306	278924	5.86%	0.388%
118	10.535	10.497	10.574	VV	15652	664360	13.95%	0.924%
119	10.594	10.574	10.620	VV	15565	399818	8.39%	0.556%
120	10.660	10.620	10.671	VV	15023	446097	9.37%	0.620%
121	10.732	10.671	10.747	VV	15855	697583	14.65%	0.970%
122	10.805	10.747	10.822	VV	17164	733282	15.40%	1.020%
123	10.875	10.822	10.894	VV	20161	796086	16.71%	1.107%
124	10.925	10.894	10.941	VV	18655	511052	10.73%	0.711%
125	10.963	10.941	10.977	VV	18625	394389	8.28%	0.549%
126	11.000	10.977	11.014	VV	19692	420744	8.83%	0.585%
127	11.034	11.014	11.058	VV	20505	513895	10.79%	0.715%
128	11.077	11.058	11.097	VV	20672	480529	10.09%	0.668%
129	11.121	11.097	11.148	VV	22342	647399	13.59%	0.900%
130	11.207	11.148	11.258	VV	32351	1615301	33.91%	2.247%
131	11.285	11.258	11.300	VV	24316	600878	12.62%	0.836%
132	11.338	11.300	11.364	VV	25020	921079	19.34%	1.281%
133	11.388	11.364	11.413	VV	25310	715840	15.03%	0.996%
134	11.475	11.413	11.495	VV	26419	1251419	26.27%	1.741%
135	11.520	11.495	11.548	VV	25851	813952	17.09%	1.132%
136	11.596	11.548	11.624	VV	27704	1219996	25.62%	1.697%
137	11.640	11.624	11.655	VV	26245	483586	10.15%	0.673%
138	11.679	11.655	11.688	VV	26508	508998	10.69%	0.708%

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139	11.823	11.688	11.858	VV	196444	476280		
140	11.879	11.858	11.901	VV	32218	808788		
141	11.913	11.901	11.932	VV	31579	567057	11.91%	0.789%
142	11.968	11.932	11.978	VV	31484	837266	17.58%	1.165%
143	12.001	11.978	12.019	VV	32954	780180	16.38%	1.085%
144	12.033	12.019	12.093	VV	32431	1397132	29.33%	1.943%
145	12.118	12.093	12.138	VV	35167	865995	18.18%	1.205%
146	12.160	12.138	12.218	VV	33164	1501581	31.53%	2.089%
147	12.233	12.218	12.251	VV	31452	618855	12.99%	0.861%
148	12.398	12.357	12.414	VV	33619	1095841	23.01%	1.524%
149	12.432	12.414	12.457	VV	35222	850394	17.85%	1.183%
150	12.486	12.457	12.520	VV	34668	1255090	26.35%	1.746%
151	12.671	12.619	12.708	VV	33054	1681564	35.31%	2.339%
152	12.835	12.803	12.854	VV	32083	957819	20.11%	1.332%
153	12.865	12.854	12.875	VV	30182	379542	7.97%	0.528%
154	13.007	12.994	13.041	VV	30018	825081	17.32%	1.148%
155	13.053	13.041	13.067	VV	29387	454870	9.55%	0.633%
156	13.198	13.169	13.234	VV	31691	1160563	24.37%	1.614%
157	13.268	13.234	13.346	VV	137582	3287381	69.02%	4.572%
158	13.363	13.346	13.420	VV	28753	1228752	25.80%	1.709%
159	13.435	13.420	13.451	VV	28328	515399	10.82%	0.717%
160	13.483	13.451	13.550	VV	30986	1619879	34.01%	2.253%
161	13.593	13.550	13.624	VV	27122	1154131	24.23%	1.605%
162	13.646	13.624	13.688	VV	25826	953199	20.01%	1.326%
163	13.700	13.688	13.721	VV	25347	496058	10.42%	0.690%
164	13.731	13.721	13.758	VV	24596	532324	11.18%	0.740%

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165	13.767	13.758	13.784	VV	24164	380896		
166	13.797	13.784	13.833	VV	24168	683370		
167	13.851	13.833	13.898	VV	23648	906890	19.04%	1.261%
168	13.915	13.898	13.928	VV	22708	395516	8.30%	0.550%
169	13.941	13.928	13.953	VV	22809	338265	7.10%	0.470%
170	13.958	13.953	13.994	VV	22527	542034	11.38%	0.754%
171	14.015	13.994	14.049	VV	22939	726865	15.26%	1.011%
172	14.064	14.049	14.102	VV	21983	674982	14.17%	0.939%
173	14.118	14.102	14.140	VV	20225	448107	9.41%	0.623%
174	14.161	14.140	14.206	VV	20503	785649	16.50%	1.093%
175	14.235	14.206	14.291	VV	19952	970422	20.38%	1.350%
176	14.299	14.291	14.316	VV	18360	270074	5.67%	0.376%
177	14.328	14.316	14.392	VV	18100	802257	16.84%	1.116%
178	14.410	14.392	14.509	VV	17435	1149185	24.13%	1.598%
179	14.526	14.509	14.567	VV	16314	544583	11.43%	0.757%
180	14.587	14.567	14.625	VV	15649	513016	10.77%	0.714%
181	14.641	14.625	14.806	VV	14902	1457065	30.59%	2.027%
182	14.829	14.806	14.894	VV	12190	614854	12.91%	0.855%
183	14.913	14.894	14.951	VV	10998	357027	7.50%	0.497%
184	14.956	14.951	15.004	VV	10175	311628	6.54%	0.433%
185	15.007	15.004	15.064	VV	9478	326140	6.85%	0.454%
186	15.131	15.064	15.234	VV	11079	906941	19.04%	1.261%
187	15.252	15.234	15.347	VV	7253	433012	9.09%	0.602%
188	15.356	15.347	15.434	VV	5573	272786	5.73%	0.379%
189	15.445	15.434	15.511	VV	5112	209504	4.40%	0.291%
190	15.545	15.511	15.589	VV	5243	221743	4.66%	0.308%

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191	15.600	15.589	15.628	VV	4377	96186		
192	15.648	15.628	15.689	VV	5092	154424		
193	15.713	15.689	15.748	VV	4713	127478	2.68%	0.177%
194	15.770	15.748	15.847	VV	3067	151986	3.19%	0.211%
195	15.863	15.847	15.893	VV	2252	57019	1.20%	0.079%
196	15.910	15.893	15.932	VV	2011	46193	0.97%	0.064%
197	15.950	15.932	16.064	VV	1896	114396	2.40%	0.159%
198	16.078	16.064	16.086	VV	989	12809	0.27%	0.018%
199	16.110	16.086	16.128	VV	1171	26599	0.56%	0.037%
200	16.151	16.128	16.195	VV	2517	53984	1.13%	0.075%
201	16.213	16.195	16.261	VV	786	21033	0.44%	0.029%
202	16.277	16.261	16.312	VV	495	11280	0.24%	0.016%
203	16.332	16.312	16.398	VV	736	19011	0.40%	0.026%
204	16.406	16.398	16.421	VV	189	1982	0.04%	0.003%
205	16.470	16.421	16.521	VV	4383	67553	1.42%	0.094%
206	16.554	16.521	16.565	VV	295	6093	0.13%	0.008%
207	16.634	16.565	16.647	VV	2051	42114	0.88%	0.059%
208	16.667	16.647	16.684	VV	2820	50572	1.06%	0.070%
209	16.709	16.684	16.766	VV	2695	76782	1.61%	0.107%
210	16.793	16.766	16.878	VV	785	23998	0.50%	0.033%
211	16.926	16.878	16.961	PV	427	7816	0.16%	0.011%
212	16.987	16.961	17.028	VV	1869	36812	0.77%	0.051%
213	17.062	17.028	17.079	VV	1811	37098	0.78%	0.052%
214	17.100	17.079	17.131	VV	2395	46555	0.98%	0.065%
215	17.151	17.131	17.168	VV	732	14219	0.30%	0.020%

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216	17.181	17.168	17.225	VV	1023	16680		
217	17.239	17.225	17.258	VV	185	2328	0	
218	17.285	17.258	17.304	VV	307	5694	0	
219	17.314	17.304	17.363	VV	301	6418	0.13%	0.009%
220	17.440	17.363	17.474	PV	362	12775	0.27%	0.018%
221	17.553	17.474	17.599	VV	3192	73204	1.54%	0.102%
222	17.652	17.599	17.685	VV	512	19834	0.42%	0.028%
223	17.717	17.685	17.734	VV	741	14353	0.30%	0.020%
224	17.756	17.734	17.803	VV	565	14806	0.31%	0.021%
225	17.835	17.803	17.847	PV	226	4986	0.10%	0.007%
226	17.878	17.847	17.894	VV	358	6378	0.13%	0.009%
227	17.917	17.894	17.934	VV	243	4487	0.09%	0.006%
228	17.991	17.934	18.021	VV	1714	32939	0.69%	0.046%
229	18.082	18.021	18.104	VV	472	12010	0.25%	0.017%
230	18.132	18.104	18.151	VV	1565	26087	0.55%	0.036%
231	18.164	18.151	18.188	VV	719	11084	0.23%	0.015%
232	18.215	18.188	18.244	VV	444	7858	0.16%	0.011%
233	18.309	18.244	18.348	PV	2091	35560	0.75%	0.049%
234	18.415	18.348	18.441	VV	3556	74914	1.57%	0.104%
235	18.487	18.441	18.521	VV	1007	40775	0.86%	0.057%
236	18.530	18.521	18.551	VV	269	2747	0.06%	0.004%
237	18.707	18.551	18.758	PV	683	10958	0.23%	0.015%
238	18.826	18.758	18.860	PV	1779	32604	0.68%	0.045%
239	18.927	18.860	18.938	VV	522	11946	0.25%	0.017%
240	19.017	18.938	19.038	VV	272	16012	0.34%	0.022%
241	19.137	19.038	19.148	PV	506	7044	0.15%	0.010%

Instrument :
 FID_E
 ClientSampleId :
 72-11948-E2DL

					rt	Area
242	19.224	19.148	19.284	VV	2723	106840
243	19.349	19.284	19.374	VV	893	40107
244	19.416	19.374	19.438	VV	452	14558
245	19.613	19.438	19.646	VV	725	25390

Manual IntegrationsAPPROVED

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

246	19.724	19.646	19.760	PV	1078	41367	0.87%	0.058%
247	19.989	19.760	20.007	VV	701	28085	0.59%	0.039%
248	20.509	20.007	20.529	VV	4934	423261	8.89%	0.589%
249	21.975	21.631	22.018	VV	5100	1303978	27.38%	1.814%
250	22.277	22.018	22.296	VV	1654	500361	10.51%	0.696%

251	22.327	22.296	22.385	VV	955	37434	0.79%	0.052%
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Sum of corrected areas: 71896050

Aliphatic EPH 061025.M Wed Jun 25 02:58:21 2025