

Instrument :

FID_E

ClientSampleId :

OK-01-050125-E2

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE

Data File : FE053624.D

Signal(s) : FID1B.ch

Acq On : 02 May 2025 16:23

Sample : Q1933-02

Misc :

ALS Vial : 11 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/05/2025

Supervised By :mohammad ahmed 05/06/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.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	2.865	2.804	2.878	BV	79	1220	0.03%	0.004%
2	2.892	2.878	2.914	VV	97	853	0.02%	0.003%
3	2.953	2.914	3.001	VV	120	3063	0.07%	0.010%
4	3.023	3.001	3.038	VV	140	1729	0.04%	0.005%
5	3.054	3.038	3.094	VV	211	3955	0.09%	0.012%
6	3.120	3.094	3.181	VV	193	7085	0.17%	0.022%
7	3.213	3.181	3.298	VV	220	10248	0.24%	0.032%
8	3.307	3.298	3.342	VV	189	3837	0.09%	0.012%
9	3.347	3.342	3.374	VV	162	2533	0.06%	0.008%
10	3.403	3.374	3.441	VV	460	9323	0.22%	0.029%
11	3.454	3.441	3.468	VV	191	2819	0.07%	0.009%
12	3.488	3.468	3.501	VV	223	3603	0.08%	0.011%
13	3.523	3.501	3.537	VV	215	4197	0.10%	0.013%
14	3.549	3.537	3.574	VV	280	4644	0.11%	0.014%
15	3.585	3.574	3.591	VV	222	1820	0.04%	0.006%
16	3.598	3.591	3.608	VV	246	1885	0.04%	0.006%
17	3.622	3.608	3.642	VV	257	4119	0.10%	0.013%
18	3.657	3.642	3.678	VV	253	4760	0.11%	0.015%
19	3.698	3.678	3.723	VV	765	11044	0.26%	0.034%
20	3.734	3.723	3.741	VV	266	2338	0.05%	0.007%
21	3.748	3.741	3.766	VV	260	3102	0.07%	0.010%
22	3.817	3.766	3.871	VV	452	15956	0.37%	0.050%
23	3.899	3.871	3.952	VV	564	14051	0.33%	0.044%
24	3.962	3.952	3.971	VV	199	2285	0.05%	0.007%
25	3.985	3.971	3.998	VV	221	3175	0.07%	0.010%
26	4.014	3.998	4.038	VV	291	5783	0.14%	0.018%
27	4.052	4.038	4.068	VV	306	4816	0.11%	0.015%
28	4.079	4.068	4.094	VV	242	3589	0.08%	0.011%
29	4.108	4.094	4.157	VV	325	9190	0.22%	0.029%
30	4.167	4.157	4.251	VV	273	13945	0.33%	0.043%
31	4.260	4.251	4.304	VV	326	7869	0.18%	0.025%

32	4.313	4.304	4.346	VV	263	5663	0.13%	0.018%
33	4.352	4.346	4.361	VV	262	208		
34	4.375	4.361	4.397	VV	290	483		
35	4.407	4.397	4.452	VV	249	693		
36	4.473	4.452	4.508	VV	366	839		
37	4.520	4.508	4.531	VV	289	3177	0.07%	0.010%
38	4.547	4.531	4.558	VV	273	3521	0.08%	0.011%
39	4.596	4.558	4.618	VV	273	7501	0.18%	0.023%
40	4.646	4.618	4.707	VV	319	10425	0.24%	0.032%
41	4.723	4.707	4.746	VV	215	3790	0.09%	0.012%
42	4.759	4.746	4.774	VV	188	2542	0.06%	0.008%
43	4.800	4.774	4.841	VV	188	5463	0.13%	0.017%
44	4.852	4.841	4.864	VV	130	1787	0.04%	0.006%
45	4.875	4.864	4.912	VV	189	3638	0.09%	0.011%
46	4.918	4.912	4.946	VV	144	2237	0.05%	0.007%
47	4.961	4.946	4.976	VV	214	2549	0.06%	0.008%
48	4.988	4.976	5.029	VV	175	3742	0.09%	0.012%
49	5.054	5.029	5.065	VV	142	2328	0.05%	0.007%
50	5.086	5.065	5.114	VV	149	3097	0.07%	0.010%
51	5.135	5.114	5.151	VV	190	3137	0.07%	0.010%
52	5.162	5.151	5.222	VV	164	5355	0.13%	0.017%
53	5.232	5.222	5.248	VV	166	1826	0.04%	0.006%
54	5.258	5.248	5.389	VV	158	8117	0.19%	0.025%
55	5.435	5.389	5.481	VV	247	9316	0.22%	0.029%
56	5.496	5.481	5.519	VV	207	3238	0.08%	0.010%
57	5.552	5.519	5.583	VV	143	3017	0.07%	0.009%
58	5.618	5.583	5.675	VV	197	6871	0.16%	0.021%
59	5.713	5.675	5.724	VV	197	3789	0.09%	0.012%
60	5.738	5.724	5.791	VV	182	5873	0.14%	0.018%
61	5.807	5.791	5.882	VV	220	9140	0.21%	0.028%
62	5.910	5.882	5.944	VV	215	5788	0.14%	0.018%
63	5.959	5.944	5.994	VV	153	4481	0.11%	0.014%
64	5.999	5.994	6.058	VV	207	5682	0.13%	0.018%
65	6.076	6.058	6.100	VV	178	3842	0.09%	0.012%
66	6.115	6.100	6.171	VV	178	4668	0.11%	0.015%
67	6.201	6.171	6.272	PV	556	16315	0.38%	0.051%
68	6.298	6.272	6.327	VV	220	5672	0.13%	0.018%
69	6.339	6.327	6.347	VV	216	2253	0.05%	0.007%
70	6.363	6.347	6.414	VV	329	7943	0.19%	0.025%
71	6.454	6.414	6.484	VV	217	6281	0.15%	0.020%
72	6.504	6.484	6.529	VV	263	5067	0.12%	0.016%
73	6.542	6.529	6.572	VV	227	4834	0.11%	0.015%
74	6.580	6.572	6.626	VV	246	5387	0.13%	0.017%
75	6.632	6.626	6.637	VV	175	937	0.02%	0.003%
76	6.657	6.637	6.716	VV	279	8289	0.19%	0.026%
77	6.736	6.716	6.754	VV	177	3042	0.07%	0.009%
78	6.773	6.754	6.790	VV	223	3246	0.08%	0.010%
79	6.807	6.790	6.824	VV	197	3263	0.08%	0.010%

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80	6.847	6.824	6.870	VV	137	3175	0.07%	0.010%
81	6.884	6.870	6.923	VV	186	365		
82	6.934	6.923	6.961	VV	169	271		
83	6.987	6.961	7.011	PV	139	217		
84	7.018	7.011	7.041	VV	119	123		
85	7.068	7.041	7.115	VV	327	7909	0.19%	0.025%
86	7.146	7.115	7.201	VV	207	6527	0.15%	0.020%
87	7.296	7.201	7.324	VV	254	12063	0.28%	0.038%
88	7.339	7.324	7.356	VV	247	3551	0.08%	0.011%
89	7.376	7.356	7.420	VV	326	6931	0.16%	0.022%
90	7.440	7.420	7.462	VV	194	3440	0.08%	0.011%
91	7.484	7.462	7.528	VV	146	4633	0.11%	0.014%
92	7.535	7.528	7.547	VV	120	1315	0.03%	0.004%
93	7.606	7.547	7.651	VV	539	14348	0.34%	0.045%
94	7.669	7.651	7.714	VV	176	3437	0.08%	0.011%
95	7.728	7.714	7.754	VV	87	1312	0.03%	0.004%
96	7.779	7.754	7.848	VV	225	5929	0.14%	0.018%
97	8.214	8.196	8.278	VV	581	21865	0.51%	0.068%
98	8.308	8.278	8.364	VV	478	15584	0.37%	0.049%
99	8.394	8.364	8.429	VV	497	13919	0.33%	0.043%
100	8.492	8.429	8.568	VV	1602	44025	1.03%	0.137%
101	8.599	8.568	8.694	VV	491	21761	0.51%	0.068%
102	8.710	8.694	8.761	VV	303	6848	0.16%	0.021%
103	9.029	9.008	9.119	VV	1099	42824	1.01%	0.133%
104	9.144	9.119	9.164	VV	472	11591	0.27%	0.036%
105	9.225	9.164	9.294	VV	907	39650	0.93%	0.124%
106	9.321	9.294	9.431	VV	1516	39355	0.92%	0.123%
107	9.466	9.431	9.486	VV	340	6976	0.16%	0.022%
108	9.513	9.486	9.534	VV	280	5843	0.14%	0.018%
109	9.552	9.534	9.580	VV	243	4747	0.11%	0.015%
110	9.606	9.580	9.636	VV	304	6041	0.14%	0.019%
111	9.700	9.636	9.750	PV	1115	30250	0.71%	0.094%
112	9.773	9.750	9.801	VV	513	11670	0.27%	0.036%
113	9.837	9.801	9.914	VV	561	24579	0.58%	0.077%
114	9.977	9.914	10.078	VV	9127	211439	4.96%	0.659%
115	10.103	10.078	10.246	VV	2576	63059	1.48%	0.196%
116	10.272	10.246	10.326	VV	228	5652	0.13%	0.018%
117	10.343	10.326	10.361	PV	28	911	0.02%	0.003%
118	10.378	10.361	10.411	PV	107	1333	0.03%	0.004%
119	10.444	10.411	10.466	PV	686	11463	0.27%	0.036%
120	10.492	10.466	10.520	VV	1082	18219	0.43%	0.057%
121	10.545	10.520	10.568	VV	441	9842	0.23%	0.031%
122	10.583	10.568	10.605	VV	676	10466	0.25%	0.033%
123	10.634	10.605	10.665	VV	531	11610	0.27%	0.036%
124	10.694	10.665	10.725	VV	398	8661	0.20%	0.027%
125	10.773	10.725	10.811	VV	492	18077	0.42%	0.056%
126	10.845	10.811	10.881	VV	2571	42178	0.99%	0.131%

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127	10.916	10.881	10.986	VV	1918	51366	1.21%	0.160%
128	11.000	10.986	11.018	VV	308	389		
129	11.101	11.018	11.154	VV	22359	34975		
130	11.181	11.154	11.337	VV	5762	15332		
131	11.354	11.337	11.394	VV	312	586		
132	11.415	11.394	11.454	VV	546	12819	0.30%	0.040%
133	11.484	11.454	11.510	VV	471	12514	0.29%	0.039%
134	11.549	11.510	11.600	VV	2691	42112	0.99%	0.131%
135	11.638	11.600	11.678	VV	1917	33322	0.78%	0.104%
136	11.704	11.678	11.722	PV	511	6533	0.15%	0.020%
137	11.743	11.722	11.781	VV	666	11479	0.27%	0.036%
138	11.795	11.781	11.820	VV	455	6244	0.15%	0.019%
139	11.865	11.820	11.923	VV	379390	4259347	100.00%	13.268%
140	11.941	11.923	11.981	VV	4634	84405	1.98%	0.263%
141	12.020	11.981	12.069	VV	6418	142692	3.35%	0.444%
142	12.087	12.069	12.134	VV	3132	53632	1.26%	0.167%
143	12.156	12.134	12.174	VV	309	4959	0.12%	0.015%
144	12.221	12.174	12.264	VV	2446	41520	0.97%	0.129%
145	12.293	12.264	12.358	VV	1419	37445	0.88%	0.117%
146	12.383	12.358	12.482	VV	2621	50906	1.20%	0.159%
147	12.525	12.482	12.554	VV	427	9468	0.22%	0.029%
148	12.637	12.554	12.670	VV	675	20190	0.47%	0.063%
149	12.702	12.670	12.739	VV	928	21884	0.51%	0.068%
150	12.807	12.739	12.828	VV	2689	64574	1.52%	0.201%
151	12.864	12.828	12.894	VV	3329	65056	1.53%	0.203%
152	12.923	12.894	13.050	VV	82432	1047183	24.59%	3.262%
153	13.112	13.050	13.134	VV	2202	50736	1.19%	0.158%
154	13.151	13.134	13.174	VV	1129	21719	0.51%	0.068%
155	13.222	13.174	13.258	VV	61647	794591	18.66%	2.475%
156	13.311	13.258	13.374	VV	269889	3504726	82.28%	10.917%
157	13.404	13.374	13.454	VV	4497	89252	2.10%	0.278%
158	13.503	13.454	13.602	VV	3450	117492	2.76%	0.366%
159	13.630	13.602	13.659	VV	1665	31294	0.73%	0.097%
160	13.689	13.659	13.751	VV	3683	68303	1.60%	0.213%
161	13.819	13.751	13.865	PV	10398	185866	4.36%	0.579%
162	13.927	13.865	13.948	VV	6651	113285	2.66%	0.353%
163	13.965	13.948	13.985	VV	4461	65107	1.53%	0.203%
164	14.003	13.985	14.034	VV	3709	60812	1.43%	0.189%
165	14.092	14.034	14.118	VV	3980	119053	2.80%	0.371%
166	14.138	14.118	14.188	VV	2645	53171	1.25%	0.166%
167	14.221	14.188	14.273	VV	856	34226	0.80%	0.107%
168	14.293	14.273	14.384	VV	722	28485	0.67%	0.089%
169	14.413	14.384	14.435	PV	381	6672	0.16%	0.021%
170	14.504	14.435	14.544	VV	1987	67415	1.58%	0.210%
171	14.569	14.544	14.604	VV	3576	66805	1.57%	0.208%
172	14.629	14.604	14.705	VV	1996	62585	1.47%	0.195%
173	14.738	14.705	14.768	VV	5738	94163	2.21%	0.293%
174	14.796	14.768	14.831	VV	8180	140544	3.30%	0.438%

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175	14.874	14.831	14.960	VV	4186	131951	3.10%	0.411%
176	14.990	14.960	15.046	VV	1757	3628		
177	15.110	15.046	15.130	PV	34598	48447		
178	15.150	15.130	15.240	VV	35554	59444		
179	15.272	15.240	15.334	VV	7563	14448		
180	15.369	15.334	15.397	VV	1167	26893	0.63%	0.084%
181	15.456	15.397	15.520	VV	2540	85501	2.01%	0.266%
182	15.570	15.520	15.641	PV	5803	180708	4.24%	0.563%
183	15.691	15.641	15.719	VV	1618	45512	1.07%	0.142%
184	15.788	15.719	15.854	VV	6214	191469	4.50%	0.596%
185	15.874	15.854	15.904	VV	1894	38679	0.91%	0.120%
186	15.946	15.904	15.996	VV	4208	132345	3.11%	0.412%
187	16.022	15.996	16.091	VV	1977	51055	1.20%	0.159%
188	16.113	16.091	16.141	VV	1413	21464	0.50%	0.067%
189	16.193	16.141	16.307	VV	2119	80055	1.88%	0.249%
190	16.329	16.307	16.345	PV	192	2554	0.06%	0.008%
191	16.387	16.345	16.407	PV	773	14299	0.34%	0.045%
192	16.428	16.407	16.446	VV	837	11829	0.28%	0.037%
193	16.474	16.446	16.512	VV	1350	31164	0.73%	0.097%
194	16.590	16.512	16.611	VV	3090	69145	1.62%	0.215%
195	16.675	16.611	16.781	VV	39720	892284	20.95%	2.779%
196	16.808	16.781	16.911	VV	6796	125988	2.96%	0.392%
197	16.998	16.911	17.031	PV	22799	362178	8.50%	1.128%
198	17.058	17.031	17.128	VV	26572	436077	10.24%	1.358%
199	17.160	17.128	17.195	VV	8213	140996	3.31%	0.439%
200	17.223	17.195	17.254	VV	3795	70310	1.65%	0.219%
201	17.310	17.254	17.348	VV	1371	47783	1.12%	0.149%
202	17.368	17.348	17.384	VV	670	10598	0.25%	0.033%
203	17.430	17.384	17.498	VV	2551	98400	2.31%	0.307%
204	17.594	17.498	17.628	PV	4839	196258	4.61%	0.611%
205	17.662	17.628	17.694	VV	1627	47512	1.12%	0.148%
206	17.719	17.694	17.748	VV	2781	56025	1.32%	0.175%
207	17.764	17.748	17.801	VV	1083	20672	0.49%	0.064%
208	17.845	17.801	17.901	VV	707	22209	0.52%	0.069%
209	17.935	17.901	17.954	PV	771	11767	0.28%	0.037%
210	18.033	17.954	18.087	VV	3548	101589	2.39%	0.316%
211	18.170	18.087	18.188	PV	2240	97774	2.30%	0.305%
212	18.218	18.188	18.295	VV	2280	92915	2.18%	0.289%
213	18.347	18.295	18.391	VV	5345	127381	2.99%	0.397%
214	18.441	18.391	18.513	VV	17881	543928	12.77%	1.694%
215	18.603	18.513	18.657	VV	3395	216626	5.09%	0.675%
216	18.692	18.657	18.754	VV	15579	283811	6.66%	0.884%
217	18.774	18.754	18.794	VV	1585	27875	0.65%	0.087%
218	18.865	18.794	18.904	VV	4221	161625	3.79%	0.503%
219	18.969	18.904	18.988	VV	1735	43498	1.02%	0.135%
220	19.014	18.988	19.078	VV	1792	52830	1.24%	0.165%
221	19.138	19.078	19.157	PV	1582	42700	1.00%	0.133%

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222	19.269	19.157	19.323	VV	6333	312889	7.35%	0.975%
223	19.388	19.323	19.424	VV	3188	14908		
224	19.521	19.424	19.601	VV	2834	22159		
225	19.675	19.601	19.698	VV	3248	14541		
226	19.777	19.698	19.801	VV	3582	17815		
227	19.862	19.801	19.901	VV	7361	291714	6.85%	0.909%
228	19.931	19.901	19.964	VV	7963	247081	5.80%	0.770%
229	19.996	19.964	20.110	VV	7485	512041	12.02%	1.595%
230	20.244	20.110	20.283	VV	10011	659335	15.48%	2.054%
231	20.324	20.283	20.354	VV	8858	347905	8.17%	1.084%
232	20.394	20.354	20.438	VV	9769	427445	10.04%	1.331%
233	20.458	20.438	20.474	VV	8102	169711	3.98%	0.529%
234	20.672	20.474	20.695	VV	10152	1215512	28.54%	3.786%
235	20.757	20.695	20.781	VV	10872	523878	12.30%	1.632%
236	20.914	20.781	21.013	VV	10717	1442253	33.86%	4.493%
237	21.133	21.013	21.231	VV	9886	1200020	28.17%	3.738%
238	21.377	21.231	21.411	VV	8506	887761	20.84%	2.765%
239	21.486	21.411	21.514	VV	8232	492519	11.56%	1.534%
240	21.539	21.514	21.608	VV	7773	401534	9.43%	1.251%
241	21.766	21.608	21.791	VV	6599	710073	16.67%	2.212%
242	21.818	21.791	21.942	VV	6066	487678	11.45%	1.519%
243	21.956	21.942	21.994	VV	3967	117793	2.77%	0.367%
244	22.038	21.994	22.088	VV	4169	209987	4.93%	0.654%
245	22.193	22.088	22.384	VV	3597	422655	9.92%	1.317%

Sum of corrected areas: 32102762

Aliphatic EPH 041725.M Sat May 03 01:41:15 2025

Instrument :
FID_E
ClientSampleId :
OK-01-050125-E2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025