

rteres

Instrument :

FID_E

ClientSampleId :

TR-04-032025DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/24/2025

Supervised By :mohammad ahmed 03/25/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE03212
Data File : FE052930.D
Signal(s) : FID1B.ch
Acq On : 22 Mar 2025 01:23
Sample : Q1614-01DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.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	5.616	5.605	5.626	VV	458	3921	0.12%	0.008%
2	5.652	5.626	5.703	VV	6511	118794	3.77%	0.254%
3	5.718	5.703	5.751	VV	438	8298	0.26%	0.018%
4	5.771	5.751	5.793	VV	479	7975	0.25%	0.017%
5	5.836	5.793	5.866	VV	3062	56031	1.78%	0.120%
6	5.874	5.866	5.893	VV	993	10683	0.34%	0.023%
7	5.915	5.893	5.924	VV	1162	13259	0.42%	0.028%
8	5.942	5.924	5.987	VV	4162	88490	2.81%	0.189%
9	5.998	5.987	6.011	VV	1456	16359	0.52%	0.035%
10	6.039	6.011	6.069	VV	4809	69079	2.19%	0.148%
11	6.085	6.069	6.111	VV	1468	24081	0.76%	0.052%
12	6.131	6.111	6.149	VV	2041	24888	0.79%	0.053%
13	6.183	6.149	6.204	VV	2084	36255	1.15%	0.078%
14	6.261	6.204	6.301	VV	1654	64735	2.05%	0.138%
15	6.328	6.301	6.345	VV	1730	26511	0.84%	0.057%
16	6.368	6.345	6.384	VV	2769	43901	1.39%	0.094%
17	6.398	6.384	6.437	VV	2063	49873	1.58%	0.107%
18	6.454	6.437	6.469	VV	2251	27294	0.87%	0.058%
19	6.507	6.469	6.541	VV	2273	63523	2.01%	0.136%
20	6.559	6.541	6.584	VV	1321	27695	0.88%	0.059%
21	6.610	6.584	6.645	VV	3844	70169	2.22%	0.150%
22	6.654	6.645	6.665	VV	1108	11601	0.37%	0.025%
23	6.688	6.665	6.737	VV	7470	109543	3.47%	0.234%
24	6.773	6.737	6.785	VV	1165	21478	0.68%	0.046%
25	6.805	6.785	6.822	VV	1832	30347	0.96%	0.065%
26	6.841	6.822	6.866	VV	3703	55073	1.75%	0.118%
27	6.887	6.866	6.904	VV	1948	30126	0.96%	0.064%
28	6.914	6.904	6.926	VV	1043	10755	0.34%	0.023%
29	6.942	6.926	6.952	VV	1122	14880	0.47%	0.032%
30	6.971	6.952	6.993	VV	3644	44813	1.42%	0.096%
31	7.015	6.993	7.024	VV	1895	22853	0.72%	0.049%
32	7.034	7.024	7.064	VV	2079	31702	1.01%	0.068%
33	7.094	7.064	7.125	VV	8769	114667	3.64%	0.245%
34	7.134	7.125	7.151	VV	914	11958	0.38%	0.026%
35	7.170	7.151	7.187	VV	1528	24058	0.76%	0.051%
36	7.219	7.187	7.240	VV	3079	57807	1.83%	0.124%

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37	7.263	7.240	7.292	VV	3929	58160	1.84%	0.124%
38	7.328	7.292	7.355	VV	5656	105313		
39	7.370	7.355	7.389	VV	2329	28311		
40	7.411	7.389	7.444	VV	4862	76533		
41	7.465	7.444	7.492	VV	3722	58998		
42	7.511	7.492	7.528	VV	1947	25185		
43	7.542	7.528	7.559	VV	1097	17051	0.54%	0.036%
44	7.614	7.559	7.624	VV	6654	95819	3.04%	0.205%
45	7.639	7.624	7.661	VV	11909	142823	4.53%	0.306%
46	7.675	7.661	7.699	VV	2298	40563	1.29%	0.087%
47	7.708	7.699	7.748	VV	1707	36963	1.17%	0.079%
48	7.762	7.748	7.778	VV	857	13401	0.42%	0.029%
49	7.813	7.778	7.849	VV	4739	95309	3.02%	0.204%
50	7.867	7.849	7.889	VV	1919	26731	0.85%	0.057%
51	7.908	7.889	7.921	VV	1342	15927	0.50%	0.034%
52	8.010	7.996	8.051	VV	2503	55671	1.77%	0.119%
53	8.073	8.051	8.090	VV	3073	47490	1.51%	0.102%
54	8.108	8.090	8.141	VV	2453	61087	1.94%	0.131%
55	8.167	8.141	8.189	VV	2779	49470	1.57%	0.106%
56	8.216	8.189	8.233	VV	3540	57438	1.82%	0.123%
57	8.251	8.233	8.262	VV	4905	61569	1.95%	0.132%
58	8.273	8.262	8.298	VV	4688	57939	1.84%	0.124%
59	8.342	8.298	8.381	VV	6717	130126	4.13%	0.278%
60	8.399	8.381	8.410	VV	1722	27340	0.87%	0.058%
61	8.444	8.410	8.461	VV	4513	96179	3.05%	0.206%
62	8.475	8.461	8.488	VV	3438	48887	1.55%	0.105%
63	8.525	8.488	8.551	VV	15429	242565	7.69%	0.519%
64	8.565	8.551	8.585	VV	2632	46197	1.46%	0.099%
65	8.624	8.585	8.656	VV	3207	94024	2.98%	0.201%
66	8.683	8.656	8.699	VV	3126	57906	1.84%	0.124%
67	8.712	8.699	8.727	VV	2674	36754	1.17%	0.079%
68	8.745	8.727	8.787	VV	3780	76091	2.41%	0.163%
69	8.884	8.870	8.911	VV	3202	71505	2.27%	0.153%
70	8.931	8.911	8.960	VV	3937	103847	3.29%	0.222%
71	9.008	8.960	9.039	VV	7995	290129	9.20%	0.621%
72	9.066	9.039	9.095	VV	10263	196939	6.24%	0.421%
73	9.120	9.095	9.158	VV	3853	99547	3.16%	0.213%
74	9.175	9.158	9.195	VV	3067	56229	1.78%	0.120%
75	9.213	9.195	9.234	VV	3215	58946	1.87%	0.126%
76	9.247	9.234	9.258	VV	1882	24705	0.78%	0.053%
77	9.295	9.258	9.315	VV	2729	78194	2.48%	0.167%
78	9.386	9.379	9.420	VV	3172	55981	1.77%	0.120%
79	9.441	9.420	9.464	VV	2650	50769	1.61%	0.109%
80	9.502	9.464	9.523	VV	2460	59339	1.88%	0.127%
81	9.557	9.523	9.569	VV	1906	43551	1.38%	0.093%
82	9.586	9.569	9.607	VV	2213	37910	1.20%	0.081%
83	9.641	9.607	9.674	VV	2737	70795	2.24%	0.151%
84	9.688	9.674	9.704	VV	1656	25184	0.80%	0.054%
85	9.731	9.704	9.764	VV	5509	114593	3.63%	0.245%
86	9.777	9.764	9.786	VV	2215	26655	0.85%	0.057%
87	9.817	9.786	9.841	VV	3803	93730	2.97%	0.201%
88	9.864	9.841	9.884	VV	3635	62327	1.98%	0.133%
89	9.917	9.884	9.946	VV	3457	82171	2.61%	0.176%

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90	9.967	9.946	9.983	VV	1523	27396	0.87%	0.059%
91	10.007	9.983	10.034	VV	4284	69467		
92	10.053	10.034	10.061	VV	2127	28719		
93	10.093	10.061	10.114	VV	3023	76052		
94	10.218	10.187	10.231	VV	1599	37560		
95	10.244	10.231	10.284	VV	1591	34288		
96	10.312	10.284	10.339	VV	1657	34076	1.08%	0.073%
97	10.376	10.339	10.395	VV	970	27348	0.87%	0.059%
98	10.414	10.395	10.441	VV	1276	25319	0.80%	0.054%
99	10.487	10.441	10.504	VV	2674	62481	1.98%	0.134%
100	10.529	10.504	10.557	VV	9098	150655	4.78%	0.322%
101	10.583	10.557	10.605	VV	6427	119270	3.78%	0.255%
102	10.616	10.605	10.640	VV	4570	74254	2.35%	0.159%
103	10.674	10.640	10.707	VV	3652	86370	2.74%	0.185%
104	10.726	10.707	10.758	VV	1474	35188	1.12%	0.075%
105	10.805	10.758	10.843	VV	9101	158713	5.03%	0.340%
106	10.954	10.919	10.984	VV	11067	190521	6.04%	0.408%
107	10.999	10.984	11.043	VV	1698	39240	1.24%	0.084%
108	11.098	11.043	11.112	VV	1271	36675	1.16%	0.078%
109	11.213	11.179	11.243	VV	3215	76274	2.42%	0.163%
110	11.339	11.318	11.372	VV	2374	47869	1.52%	0.102%
111	11.391	11.372	11.413	VV	1983	28464	0.90%	0.061%
112	11.445	11.413	11.469	VV	1282	26287	0.83%	0.056%
113	11.521	11.469	11.556	VV	1179	46577	1.48%	0.100%
114	11.588	11.556	11.641	VV	18899	264533	8.39%	0.566%
115	11.678	11.641	11.720	VV	6876	126822	4.02%	0.271%
116	11.742	11.720	11.759	VV	703	11817	0.37%	0.025%
117	11.786	11.759	11.811	VV	1018	20062	0.64%	0.043%
118	11.838	11.811	11.848	VV	671	12282	0.39%	0.026%
119	11.903	11.848	11.932	VV	92426	1039685	32.96%	2.224%
120	11.942	11.932	11.960	VV	2010	26061	0.83%	0.056%
121	11.981	11.960	12.006	VV	2577	45844	1.45%	0.098%
122	12.024	12.006	12.046	VV	1895	30576	0.97%	0.065%
123	12.076	12.046	12.110	VV	1860	48882	1.55%	0.105%
124	12.130	12.110	12.171	VV	875	21959	0.70%	0.047%
125	12.196	12.171	12.213	VV	766	11960	0.38%	0.026%
126	12.261	12.213	12.293	VV	15628	223030	7.07%	0.477%
127	12.307	12.293	12.328	VV	882	16146	0.51%	0.035%
128	12.344	12.328	12.433	VV	877	29983	0.95%	0.064%
129	12.485	12.433	12.509	PV	1061	23331	0.74%	0.050%
130	12.537	12.509	12.578	VV	1227	33280	1.06%	0.071%
131	12.595	12.578	12.606	VV	1100	15582	0.49%	0.033%
132	12.626	12.606	12.659	VV	2827	55526	1.76%	0.119%
133	12.674	12.659	12.707	VV	1718	29245	0.93%	0.063%
134	12.732	12.707	12.781	VV	1590	37947	1.20%	0.081%
135	12.845	12.781	12.868	VV	1944	43085	1.37%	0.092%
136	12.903	12.868	12.942	VV	13107	183306	5.81%	0.392%
137	12.965	12.942	13.033	VV	3819	67459	2.14%	0.144%
138	13.054	13.033	13.084	VV	376	8535	0.27%	0.018%
139	13.094	13.084	13.109	VV	317	3143	0.10%	0.007%
140	13.122	13.109	13.134	VV	133	862	0.03%	0.002%
141	13.158	13.134	13.188	PV	1154	21275	0.67%	0.046%

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0.87% 0.059%

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142	13.198	13.188	13.211	VV	740	9349	0.30%	0.020%
143	13.222	13.211	13.240	VV	583	7171	0.30%	0.020%
144	13.264	13.240	13.287	VV	3153	44471	0.30%	0.020%
145	13.298	13.287	13.311	VV	1267	14856	0.30%	0.020%
146	13.349	13.311	13.381	VV	63558	796650	2.51%	0.042%
147	13.393	13.381	13.431	VV	1780	32444	0.30%	0.020%
148	13.451	13.431	13.491	VV	892	19797	0.63%	0.042%
149	13.518	13.491	13.581	VV	9524	148129	4.70%	0.317%
150	13.595	13.581	13.645	VV	1196	25157	0.80%	0.054%
151	13.659	13.645	13.671	VV	311	3513	0.11%	0.008%
152	13.686	13.671	13.708	VV	591	7464	0.24%	0.016%
153	13.745	13.708	13.771	PV	1186	26424	0.84%	0.057%
154	13.785	13.771	13.834	VV	824	22952	0.73%	0.049%
155	13.861	13.834	13.879	VV	918	16998	0.54%	0.036%
156	13.901	13.879	13.923	VV	1054	17679	0.56%	0.038%
157	13.951	13.923	13.988	VV	951	25983	0.82%	0.056%
158	14.046	13.988	14.074	VV	1075	38980	1.24%	0.083%
159	14.106	14.074	14.151	VV	7550	118997	3.77%	0.255%
160	14.169	14.151	14.188	VV	827	12530	0.40%	0.027%
161	14.232	14.188	14.276	VV	577	20895	0.66%	0.045%
162	14.327	14.276	14.358	PV	1645	34088	1.08%	0.073%
163	14.376	14.358	14.391	VV	551	8577	0.27%	0.018%
164	14.404	14.391	14.426	VV	587	8996	0.29%	0.019%
165	14.471	14.426	14.488	VV	929	18530	0.59%	0.040%
166	14.520	14.488	14.557	VV	1149	29703	0.94%	0.064%
167	14.618	14.557	14.646	VV	1235	46417	1.47%	0.099%
168	14.671	14.646	14.698	VV	5438	75827	2.40%	0.162%
169	14.735	14.698	14.754	VV	1372	32340	1.03%	0.069%
170	14.779	14.754	14.820	VV	1061	29855	0.95%	0.064%
171	14.834	14.820	14.855	VV	657	9519	0.30%	0.020%
172	14.878	14.855	14.897	PV	718	11516	0.37%	0.025%
173	14.927	14.897	14.938	VV	785	14077	0.45%	0.030%
174	14.958	14.938	14.980	VV	982	14600	0.46%	0.031%
175	14.995	14.980	15.010	VV	494	5082	0.16%	0.011%
176	15.025	15.010	15.041	PV	321	3965	0.13%	0.008%
177	15.064	15.041	15.083	VV	561	10377	0.33%	0.022%
178	15.096	15.083	15.114	VV	577	7933	0.25%	0.017%
179	15.151	15.114	15.171	VV	1184	27374	0.87%	0.059%
180	15.212	15.171	15.243	VV	4472	81973	2.60%	0.175%
181	15.288	15.243	15.331	VV	1035	30636	0.97%	0.066%
182	15.356	15.331	15.382	VV	875	13061	0.41%	0.028%
183	15.414	15.382	15.425	PV	403	6712	0.21%	0.014%
184	15.453	15.425	15.498	VV	5116	72363	2.29%	0.155%
185	15.528	15.498	15.561	PV	552	10534	0.33%	0.023%
186	15.609	15.561	15.622	VV	2426	42191	1.34%	0.090%
187	15.640	15.622	15.681	VV	2355	46966	1.49%	0.100%
188	15.693	15.681	15.701	VV	433	4000	0.13%	0.009%
189	15.734	15.701	15.767	VV	4892	78049	2.47%	0.167%
190	15.827	15.767	15.839	VV	1302	38408	1.22%	0.082%
191	15.862	15.839	15.893	VV	2398	41056	1.30%	0.088%
192	15.994	15.893	16.013	PV	1227	50132	1.59%	0.107%
193	16.062	16.013	16.074	VV	631	20540	0.65%	0.044%
194	16.093	16.074	16.104	VV	1123	14902	0.47%	0.032%

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195	16.123	16.104	16.140	VV	1238	20515	0.65%	0.044%
196	16.159	16.140	16.174	VV	1239	19183		
197	16.238	16.174	16.327	VV	4784	147351		
198	16.364	16.327	16.379	VV	744	12038		
199	16.424	16.379	16.459	PV	1840	43433		
200	16.541	16.459	16.558	VV	1069	41620		
201	16.630	16.558	16.653	VV	1673	49230	1.56%	0.105%
202	16.721	16.653	16.754	PV	7280	124848	3.96%	0.267%
203	16.766	16.754	16.778	VV	817	8567	0.27%	0.018%
204	16.818	16.778	16.831	VV	1253	32049	1.02%	0.069%
205	16.850	16.831	16.868	VV	1473	26033	0.83%	0.056%
206	16.897	16.868	16.914	VV	1638	38224	1.21%	0.082%
207	16.934	16.914	16.967	VV	1989	38456	1.22%	0.082%
208	17.038	16.967	17.057	VV	1890	54914	1.74%	0.117%
209	17.074	17.057	17.084	VV	1206	16419	0.52%	0.035%
210	17.096	17.084	17.126	VV	960	14354	0.46%	0.031%
211	17.191	17.126	17.224	PV	6810	159401	5.05%	0.341%
212	17.241	17.224	17.268	VV	3078	52611	1.67%	0.113%
213	17.366	17.268	17.374	VV	838	27175	0.86%	0.058%
214	17.431	17.374	17.451	VV	2726	63279	2.01%	0.135%
215	17.505	17.451	17.540	VV	2734	67157	2.13%	0.144%
216	17.605	17.540	17.620	VV	4009	94609	3.00%	0.202%
217	17.641	17.620	17.688	VV	7003	131991	4.18%	0.282%
218	17.706	17.688	17.726	VV	1514	24618	0.78%	0.053%
219	17.756	17.726	17.788	VV	3076	63798	2.02%	0.136%
220	17.814	17.788	17.832	VV	2375	41366	1.31%	0.088%
221	17.866	17.832	17.881	VV	1225	26256	0.83%	0.056%
222	17.910	17.881	17.945	PV	1494	30992	0.98%	0.066%
223	18.080	17.945	18.108	PV	12117	300591	9.53%	0.643%
224	18.125	18.108	18.148	VV	1736	23426	0.74%	0.050%
225	18.223	18.148	18.311	VV	15722	373233	11.83%	0.798%
226	18.405	18.311	18.418	PV	2100	61430	1.95%	0.131%
227	18.504	18.418	18.534	VV	9334	215670	6.84%	0.461%
228	18.592	18.534	18.614	VV	13164	213213	6.76%	0.456%
229	18.628	18.614	18.644	VV	3753	54715	1.73%	0.117%
230	18.654	18.644	18.687	VV	2591	42670	1.35%	0.091%
231	18.757	18.687	18.768	VV	2268	83649	2.65%	0.179%
232	18.816	18.768	18.841	VV	1565	49847	1.58%	0.107%
233	18.915	18.841	18.951	PV	11062	217456	6.89%	0.465%
234	19.016	18.951	19.041	VV	12879	241107	7.64%	0.516%
235	19.066	19.041	19.114	VV	11535	303017	9.61%	0.648%
236	19.216	19.114	19.229	VV	6171	351680	11.15%	0.752%
237	19.313	19.229	19.331	VV	14027	460222	14.59%	0.985%
238	19.348	19.331	19.380	VV	12368	264445	8.38%	0.566%
239	19.421	19.380	19.470	VV	12143	466849	14.80%	0.999%
240	19.620	19.470	19.634	VV	11070	994292	31.52%	2.127%
241	19.704	19.634	19.718	VV	19526	668601	21.20%	1.430%
242	19.728	19.718	19.767	VV	17699	428415	13.58%	0.917%
243	19.822	19.767	19.865	VV	19568	893161	28.32%	1.911%
244	19.988	19.865	20.001	VV	18671	1366040	43.31%	2.922%
245	20.077	20.001	20.099	VV	28125	1269502	40.25%	2.716%
246	20.124	20.099	20.156	VV	26106	773873	24.53%	1.656%

Instrument :

FID_E

ClientSampleId :

TR-04-032025DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/24/2025

Supervised By :mohammad ahmed 03/25/2025

rters									
247	20.186	20.156	20.199	VV	22735	550108	17.44%	1.177%	
248	20.243	20.199	20.266	VV	26918	988352	31.44%	1.934%	
249	20.350	20.266	20.398	VV	35667	2245365	71.12%	4.451%	
250	20.444	20.398	20.475	VV	37393	1488450	47.44%	2.951%	
251	20.512	20.475	20.538	VV	39518	1306906	41.44%	2.564%	
252	20.587	20.538	20.611	VV	41233	1701325	53.44%	3.281%	
253	20.648	20.611	20.670	VV	43727	1479040	46.89%	3.164%	
254	20.682	20.670	20.702	VV	41033	763554	24.21%	1.634%	
255	20.723	20.702	20.749	VV	39827	1115033	35.35%	2.385%	
256	20.803	20.749	20.828	VV	47701	2013911	63.85%	4.308%	
257	20.847	20.828	20.872	VV	44627	1123172	35.61%	2.403%	
258	20.900	20.872	21.007	VV	42378	3154160	100.00%	6.748%	
259	21.041	21.007	21.051	VV	37459	945275	29.97%	2.022%	
260	21.059	21.051	21.104	VV	37098	1157536	36.70%	2.476%	
261	21.148	21.104	21.158	VV	35243	1108910	35.16%	2.372%	
262	21.186	21.158	21.254	VV	37503	1838656	58.29%	3.934%	
263	21.272	21.254	21.290	VV	29027	603481	19.13%	1.291%	
Sum of corrected areas:							46743184		

Instrument :
FID_E
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TR-04-032025DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/24/2025
Supervised By :mohammad ahmed 03/25/2025

Aliphatic EPH 030325.M Sun Mar 23 23:21:49 2025