

rteres

Instrument :

FID_G

ClientSampleId :

RT-3873MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/18/2025

Supervised By :mohammad ahmed 04/21/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG04172
Data File : FG015695.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 18:23
Sample : Q1818-03MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.249	3.222	3.382	BV	243622	2535023	31.21%	1.573%
2	3.394	3.382	3.414	VV	370	6096	0.08%	0.004%
3	3.442	3.414	3.485	VV	1094	18090	0.22%	0.011%
4	3.496	3.485	3.520	VV	231	3085	0.04%	0.002%
5	3.534	3.520	3.548	VV	129	1329	0.02%	0.001%
6	3.564	3.548	3.582	VV	177	2406	0.03%	0.001%
7	3.589	3.582	3.606	VV	176	1858	0.02%	0.001%
8	3.625	3.606	3.672	VV	208	3801	0.05%	0.002%
9	3.699	3.672	3.718	VV	188	2643	0.03%	0.002%
10	3.736	3.718	3.824	VV	1168	18198	0.22%	0.011%
11	3.856	3.824	3.905	VV	655	12463	0.15%	0.008%
12	3.934	3.905	4.010	VV	2765	33707	0.41%	0.021%
13	4.046	4.010	4.072	VV	906	10630	0.13%	0.007%
14	4.083	4.072	4.106	VV	119	1727	0.02%	0.001%
15	4.160	4.106	4.172	VV	165	3729	0.05%	0.002%
16	4.199	4.172	4.220	VV	443	7344	0.09%	0.005%
17	4.247	4.220	4.273	VV	562	11407	0.14%	0.007%
18	4.306	4.273	4.358	VV	380	9831	0.12%	0.006%
19	4.375	4.358	4.383	VV	142	1295	0.02%	0.001%
20	4.402	4.383	4.426	VV	267	3831	0.05%	0.002%
21	4.448	4.426	4.475	VV	260	3507	0.04%	0.002%
22	4.509	4.475	4.526	VV	295035	2873423	35.37%	1.782%
23	4.543	4.526	4.604	VV	304048	3120710	38.42%	1.936%
24	4.619	4.604	4.645	VV	3644	58378	0.72%	0.036%
25	4.665	4.645	4.727	VV	4351	81208	1.00%	0.050%
26	4.737	4.727	4.785	VV	686	19004	0.23%	0.012%
27	4.791	4.785	4.808	VV	460	6063	0.07%	0.004%
28	4.830	4.808	4.862	VV	1022	18352	0.23%	0.011%
29	4.872	4.862	4.881	VV	374	3751	0.05%	0.002%
30	4.899	4.881	4.914	VV	439	7167	0.09%	0.004%
31	4.933	4.914	4.978	VV	663	14213	0.17%	0.009%
32	4.993	4.978	5.045	VV	333	10310	0.13%	0.006%
33	5.052	5.045	5.112	VV	222	7122	0.09%	0.004%
34	5.119	5.112	5.134	VV	191	2277	0.03%	0.001%
35	5.155	5.134	5.205	VV	466	10139	0.12%	0.006%
36	5.214	5.205	5.232	VV	200	2490	0.03%	0.002%

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37	5.270	5.232	5.298	VV	377	7168	0.09%	0.004%	
38	5.308	5.298	5.361	VV	119	3740			
39	5.401	5.361	5.433	VV	191	4091			
40	5.448	5.433	5.465	VV	122	1959			
41	5.488	5.465	5.515	VV	221	4941			
42	5.523	5.515	5.544	VV	168	2435			
43	5.555	5.544	5.608	VV	152	3102	0.04%	0.002%	
44	5.617	5.608	5.629	PV	76	671	0.01%	0.000%	
45	5.656	5.629	5.722	VV	831	13886	0.17%	0.009%	
46	5.757	5.722	5.785	VV	206	5518	0.07%	0.003%	
47	5.825	5.785	5.838	VV	192	4551	0.06%	0.003%	
48	5.848	5.838	5.907	VV	150	4802	0.06%	0.003%	
49	5.950	5.907	5.959	VV	280	5961	0.07%	0.004%	
50	5.968	5.959	5.984	VV	268	3277	0.04%	0.002%	
51	5.998	5.984	6.024	VV	236	4034	0.05%	0.003%	
52	6.042	6.024	6.138	VV	176	5996	0.07%	0.004%	
53	6.147	6.138	6.165	VV	60	469	0.01%	0.000%	
54	6.221	6.165	6.477	PV	313582	3610762	44.45%	2.240%	
55	6.490	6.477	6.532	VV	558	14858	0.18%	0.009%	
56	6.551	6.532	6.658	VV	445	25052	0.31%	0.016%	
57	6.689	6.658	6.822	VV	321266	3371562	41.51%	2.092%	
58	6.840	6.822	6.902	VV	600	18889	0.23%	0.012%	
59	6.907	6.902	6.965	VV	238	6678	0.08%	0.004%	
60	6.974	6.965	6.990	VV	175	1824	0.02%	0.001%	
61	7.016	6.990	7.069	VV	154	4729	0.06%	0.003%	
62	7.124	7.069	7.179	VV	173	5673	0.07%	0.004%	
63	7.230	7.179	7.287	PV	7682	119671	1.47%	0.074%	
64	7.322	7.287	7.443	VV	299945	3508573	43.19%	2.177%	
65	7.466	7.443	7.508	VV	6678	118937	1.46%	0.074%	
66	7.534	7.508	7.595	VV	1855	62665	0.77%	0.039%	
67	7.607	7.595	7.624	VV	957	13674	0.17%	0.008%	
68	7.639	7.624	7.683	VV	1317	23788	0.29%	0.015%	
69	7.718	7.683	7.761	VV	466	15338	0.19%	0.010%	
70	7.771	7.761	7.792	VV	129	1930	0.02%	0.001%	
71	7.814	7.792	7.848	VV	530	7854	0.10%	0.005%	
72	7.859	7.848	7.898	VV	190	2841	0.03%	0.002%	
73	8.075	8.053	8.154	VV	3879	117785	1.45%	0.073%	
74	8.172	8.154	8.193	VV	728	15095	0.19%	0.009%	
75	8.240	8.193	8.308	VV	1391	52399	0.65%	0.033%	
76	8.347	8.308	8.415	VV	1854	53814	0.66%	0.033%	
77	8.449	8.415	8.465	VV	3615	49726	0.61%	0.031%	
78	8.477	8.465	8.494	VV	2253	30906	0.38%	0.019%	
79	8.526	8.494	8.580	VV	339984	3698654	45.53%	2.294%	
80	8.629	8.580	8.711	VV	357812	3969839	48.87%	2.463%	
81	8.724	8.711	8.800	VV	1917	57684	0.71%	0.036%	
82	8.930	8.900	9.051	VV	402129	4513514	55.57%	2.800%	
83	9.063	9.051	9.154	VV	1902	69715	0.86%	0.043%	
84	9.178	9.154	9.193	VV	2119	31846	0.39%	0.020%	
85	9.216	9.193	9.331	VV	12410	250025	3.08%	0.155%	
86	9.354	9.331	9.378	VV	1354	22594	0.28%	0.014%	
87	9.394	9.378	9.477	VV	849	19502	0.24%	0.012%	
88	9.506	9.477	9.526	VV	665	8885	0.11%	0.006%	
89	9.542	9.526	9.578	VV	613	8083	0.10%	0.005%	

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90	9.593	9.578	9.603	PV	187	1568	0.02%	0.001%
91	9.640	9.603	9.671	VV	729	13586		
92	9.723	9.671	9.835	VV	378174	4409152	54.00%	2.521%
93	9.846	9.835	9.858	VV	2153	28020		
94	9.879	9.858	9.899	VV	3802	67735		
95	9.913	9.899	9.924	VV	2568	35582		
96	9.944	9.924	9.984	VV	5691	106397	1.31%	0.066%
97	10.009	9.984	10.104	VV	35872	653002	8.04%	0.405%
98	10.139	10.104	10.398	VV	349802	4063749	50.03%	2.521%
99	10.425	10.398	10.454	PV	468	7653	0.09%	0.005%
100	10.481	10.454	10.515	VV	5701	77655	0.96%	0.048%
101	10.526	10.515	10.565	VV	616	12144	0.15%	0.008%
102	10.589	10.565	10.597	VV	452	6417	0.08%	0.004%
103	10.624	10.597	10.647	VV	1657	29717	0.37%	0.018%
104	10.661	10.647	10.705	VV	941	15654	0.19%	0.010%
105	10.734	10.705	10.779	VV	1356	26723	0.33%	0.017%
106	10.813	10.779	10.853	VV	787	20431	0.25%	0.013%
107	10.934	10.853	11.015	VV	8443	225209	2.77%	0.140%
108	11.036	11.015	11.082	VV	885	14137	0.17%	0.009%
109	11.135	11.082	11.181	VV	432043	4958192	61.04%	3.076%
110	11.210	11.181	11.372	VV	310242	4259456	52.44%	2.642%
111	11.388	11.372	11.431	VV	1333	28342	0.35%	0.018%
112	11.463	11.431	11.502	VV	2138	52887	0.65%	0.033%
113	11.516	11.502	11.549	VV	1345	25776	0.32%	0.016%
114	11.587	11.549	11.647	VV	351065	4067764	50.08%	2.523%
115	11.678	11.647	11.720	VV	2119	47740	0.59%	0.030%
116	11.745	11.720	11.764	VV	798	13622	0.17%	0.008%
117	11.781	11.764	11.797	VV	642	9318	0.11%	0.006%
118	11.830	11.797	11.860	VV	1104	19352	0.24%	0.012%
119	11.903	11.860	11.935	VV	451613	5023412	61.84%	3.116%
120	11.948	11.935	11.964	VV	5604	77043	0.95%	0.048%
121	11.980	11.964	12.028	VV	5775	111636	1.37%	0.069%
122	12.059	12.028	12.084	VV	11437	179635	2.21%	0.111%
123	12.095	12.084	12.111	VV	3032	41037	0.51%	0.025%
124	12.127	12.111	12.184	VV	3155	62909	0.77%	0.039%
125	12.195	12.184	12.215	VV	185	2026	0.02%	0.001%
126	12.256	12.215	12.280	VV	561	11458	0.14%	0.007%
127	12.313	12.280	12.328	PV	192	2485	0.03%	0.002%
128	12.355	12.328	12.401	VV	688	15227	0.19%	0.009%
129	12.428	12.401	12.488	VV	2061	39207	0.48%	0.024%
130	12.511	12.488	12.554	VV	14041	159445	1.96%	0.099%
131	12.564	12.554	12.595	VV	575	10443	0.13%	0.006%
132	12.606	12.595	12.658	VV	358	7018	0.09%	0.004%
133	12.692	12.658	12.701	VV	495	9780	0.12%	0.006%
134	12.745	12.701	12.795	VV	1742	43090	0.53%	0.027%
135	12.817	12.795	12.828	VV	1308	15969	0.20%	0.010%
136	12.845	12.828	12.864	VV	2366	31310	0.39%	0.019%
137	12.902	12.864	12.931	VV	359526	4260165	52.45%	2.643%
138	12.962	12.931	13.087	VV	413657	4984138	61.36%	3.092%
139	13.151	13.087	13.179	VV	5743	99653	1.23%	0.062%
140	13.188	13.179	13.221	VV	900	20404	0.25%	0.013%
141	13.261	13.221	13.302	VV	387204	4517166	55.61%	2.802%

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						Percent Sample		RT-3873MSD	
142	13.347	13.302	13.425	VV	326430	4221479	51.97%	2.619%	
143	13.449	13.425	13.478	VV	1957	41873	0.00%	0.000%	
144	13.515	13.478	13.592	VV	337896	4133918	50.88%	2.564%	
145	13.600	13.592	13.622	VV	646	8717	0.00%	0.000%	
146	13.641	13.622	13.655	VV	638	9799	0.00%	0.000%	
147	13.676	13.655	13.698	VV	1224	20255	0.00%	0.000%	
148	13.733	13.698	13.805	VV	2777	60739	0.75%	0.038%	
149	13.863	13.805	13.910	PV	6818	137226	1.69%	0.085%	
150	13.970	13.910	13.994	VV	6147	111813	1.38%	0.069%	
151	14.008	13.994	14.029	VV	2814	45022	0.55%	0.028%	
152	14.050	14.029	14.069	VV	2809	49777	0.61%	0.031%	
153	14.104	14.069	14.165	VV	336930	4132738	50.88%	2.564%	
154	14.185	14.165	14.203	VV	1717	31104	0.38%	0.019%	
155	14.220	14.203	14.264	VV	1922	37829	0.47%	0.023%	
156	14.306	14.264	14.325	VV	768	22013	0.27%	0.014%	
157	14.341	14.325	14.363	VV	634	11894	0.15%	0.007%	
158	14.372	14.363	14.386	VV	446	5837	0.07%	0.004%	
159	14.400	14.386	14.423	VV	414	6897	0.08%	0.004%	
160	14.457	14.423	14.487	VV	742	20867	0.26%	0.013%	
161	14.540	14.487	14.555	VV	1814	44292	0.55%	0.027%	
162	14.574	14.555	14.591	VV	1482	28984	0.36%	0.018%	
163	14.602	14.591	14.638	VV	1309	29382	0.36%	0.018%	
164	14.668	14.638	14.686	VV	1993	38970	0.48%	0.024%	
165	14.703	14.686	14.752	VV	1475	39616	0.49%	0.025%	
166	14.786	14.752	14.815	VV	2435	55340	0.68%	0.034%	
167	14.841	14.815	14.879	VV	4555	89780	1.11%	0.056%	
168	14.901	14.879	14.985	VV	1942	74759	0.92%	0.046%	
169	15.044	14.985	15.088	VV	3687	82737	1.02%	0.051%	
170	15.150	15.088	15.170	VV	307710	3852453	47.43%	2.390%	
171	15.195	15.170	15.289	VV	354516	8122893	100.00%	5.039%	
172	15.312	15.289	15.341	VV	5120	102578	1.26%	0.064%	
173	15.354	15.341	15.370	VV	2094	33654	0.41%	0.021%	
174	15.386	15.370	15.448	VV	2280	67434	0.83%	0.042%	
175	15.463	15.448	15.479	VV	1152	20047	0.25%	0.012%	
176	15.507	15.479	15.527	VV	1685	38109	0.47%	0.024%	
177	15.547	15.527	15.575	VV	1906	39867	0.49%	0.025%	
178	15.608	15.575	15.702	VV	10792	328978	4.05%	0.204%	
179	15.744	15.702	15.770	VV	3392	80976	1.00%	0.050%	
180	15.795	15.770	15.818	VV	1938	34116	0.42%	0.021%	
181	15.840	15.818	15.865	VV	2061	36724	0.45%	0.023%	
182	15.876	15.865	15.906	VV	993	18217	0.22%	0.011%	
183	15.925	15.906	15.955	VV	620	13139	0.16%	0.008%	
184	15.998	15.955	16.042	VV	1514	44926	0.55%	0.028%	
185	16.076	16.042	16.114	VV	735	20689	0.25%	0.013%	
186	16.136	16.114	16.153	VV	428	7934	0.10%	0.005%	
187	16.165	16.153	16.184	VV	418	6418	0.08%	0.004%	
188	16.235	16.184	16.279	VV	300264	3943949	48.55%	2.447%	
189	16.297	16.279	16.318	VV	1033	13653	0.17%	0.008%	
190	16.337	16.318	16.355	VV	228	2947	0.04%	0.002%	
191	16.365	16.355	16.381	VV	237	1848	0.02%	0.001%	
192	16.428	16.381	16.456	PV	1371	31426	0.39%	0.019%	
193	16.476	16.456	16.495	VV	807	17023	0.21%	0.011%	
194	16.531	16.495	16.552	VV	1499	37564	0.46%	0.023%	

195	16.570	16.552	16.600	VV	1879	44820	0.55%	0.028%
196	16.631	16.600	16.669	VV	5220	151423		
197	16.717	16.669	16.732	VV	278084	3940905	48.60%	2.348%
198	16.748	16.732	16.783	VV	315310	3947960	48.60%	2.564%
199	16.797	16.783	16.832	VV	15406	290281	3.83%	0.092%
200	16.856	16.832	16.873	VV	6851	144544	3.83%	0.048%
201	16.885	16.873	16.900	VV	6223	91713	1.13%	0.057%
202	16.915	16.900	16.937	VV	5533	104320	1.28%	0.065%
203	16.947	16.937	16.958	VV	3868	46336	0.57%	0.029%
204	16.976	16.958	16.985	VV	4962	70616	0.87%	0.044%
205	17.004	16.985	17.021	VV	7884	130862	1.61%	0.081%
206	17.038	17.021	17.061	VV	9554	148569	1.83%	0.092%
207	17.098	17.061	17.152	VV	259042	3785174	46.60%	2.348%
208	17.186	17.152	17.242	VV	280097	4133271	50.88%	2.564%
209	17.262	17.242	17.285	VV	9304	148860	1.83%	0.092%
210	17.302	17.285	17.340	VV	3292	77242	0.95%	0.048%
211	17.362	17.340	17.405	VV	1581	43694	0.54%	0.027%
212	17.449	17.405	17.533	VV	1592	80356	0.99%	0.050%
213	17.573	17.533	17.614	VV	8595	231860	2.85%	0.144%
214	17.635	17.614	17.685	VV	6663	114876	1.41%	0.071%
215	17.720	17.685	17.745	VV	974	22338	0.27%	0.014%
216	17.773	17.745	17.855	VV	530	21120	0.26%	0.013%
217	17.863	17.855	17.875	PV	48	517	0.01%	0.000%
218	17.916	17.875	17.938	PV	386	7177	0.09%	0.004%
219	17.966	17.938	17.995	VV	3120	42857	0.53%	0.027%
220	18.077	17.995	18.135	VV	272493	3813151	46.94%	2.365%
221	18.166	18.135	18.188	VV	4590	67285	0.83%	0.042%
222	18.205	18.188	18.229	VV	701	12310	0.15%	0.008%
223	18.299	18.229	18.336	VV	1294	31070	0.38%	0.019%
224	18.391	18.336	18.415	PV	1822	34764	0.43%	0.022%
225	18.479	18.415	18.494	VV	249333	3581945	44.10%	2.222%
226	18.512	18.494	18.689	VV	229535	4024833	49.55%	2.497%
227	18.732	18.689	18.851	VV	224095	3806625	46.86%	2.361%
228	18.910	18.851	18.970	VV	251794	3791972	46.68%	2.352%
229	19.008	18.970	19.035	VV	5916	125356	1.54%	0.078%
230	19.058	19.035	19.082	VV	2259	55661	0.69%	0.035%
231	19.097	19.082	19.126	VV	1780	35478	0.44%	0.022%
232	19.181	19.126	19.195	VV	1234	38932	0.48%	0.024%
233	19.222	19.195	19.240	VV	1429	31347	0.39%	0.019%
234	19.302	19.240	19.368	VV	10430	426528	5.25%	0.265%
235	19.390	19.368	19.422	VV	2150	63805	0.79%	0.040%
236	19.440	19.422	19.484	VV	2103	56874	0.70%	0.035%
237	19.513	19.484	19.530	VV	1470	35744	0.44%	0.022%
238	19.554	19.530	19.577	VV	1598	40830	0.50%	0.025%
239	19.599	19.577	19.648	VV	1499	47868	0.59%	0.030%
240	19.694	19.648	19.733	VV	223253	3390846	41.74%	2.103%
241	19.755	19.733	19.775	VV	4298	83491	1.03%	0.052%
242	19.801	19.775	19.832	VV	5232	118993	1.46%	0.074%
243	19.866	19.832	19.898	VV	2241	73519	0.91%	0.046%
244	19.949	19.898	20.003	VV	2806	147629	1.82%	0.092%
245	20.067	20.003	20.149	VV	5372	299218	3.68%	0.186%
246	20.214	20.149	20.225	VV	2716	109877	1.35%	0.068%

Instrument :

FID_G

ClientSampleId :

RT-3873MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/18/2025

Supervised By :mohammad ahmed 04/21/2025

rteres									
247	20.256	20.225	20.278	VV	2832	85110	1.05%	0.053%	
248	20.333	20.278	20.377	VV	4320	223517			
249	20.435	20.377	20.480	VV	212897	3183842	3.88%	0.196%	
250	20.495	20.480	20.508	VV	4164	71200	1.10%	0.055%	
251	20.587	20.508	20.646	VV	7741	474451	1.19%	0.060%	
252	20.659	20.646	20.677	VV	4629	83761			
253	20.702	20.677	20.710	VV	4625	89373			
254	20.792	20.710	20.815	VV	5907	315468			
255	20.829	20.815	20.845	VV	5476	96665			
256	20.897	20.845	20.912	VV	5227	203007	2.50%	0.126%	
257	20.947	20.912	21.032	VV	5107	350824	4.32%	0.218%	
258	21.084	21.032	21.104	VV	4636	194028	2.39%	0.120%	
259	21.176	21.104	21.314	VV	161192	3214403	39.57%	1.994%	
260	21.329	21.314	21.378	VV	3983	148254	1.83%	0.092%	
261	21.393	21.378	21.405	VV	3813	60945	0.75%	0.038%	
262	21.408	21.405	21.455	VV	3756	108125	1.33%	0.067%	
263	21.485	21.455	21.550	VV	3468	187929	2.31%	0.117%	
264	21.604	21.550	21.650	VV	3506	191163	2.35%	0.119%	
265	21.664	21.650	21.693	VV	3021	74927	0.92%	0.046%	
266	21.719	21.693	21.746	VV	2789	85320	1.05%	0.053%	
267	21.766	21.746	21.808	VV	2507	90175	1.11%	0.056%	
268	21.820	21.808	21.824	VV	2338	21860	0.27%	0.014%	
269	21.848	21.824	21.878	VV	2409	74083	0.91%	0.046%	
270	21.887	21.878	22.000	VV	2109	130814	1.61%	0.081%	
271	22.009	22.000	22.014	VV	1477	12544	0.15%	0.008%	
272	22.097	22.014	22.202	VV	100953	2659676	32.74%	1.650%	
273	22.257	22.202	22.405	VV	1918	140156	1.73%	0.087%	
274	22.419	22.405	22.452	VBA	191	21665	0.27%	0.013%	
Sum of corrected areas:					161202356				

Instrument :

FID_G

ClientSampleId :

RT-3873MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/18/2025

Supervised By :mohammad ahmed 04/21/2025

Aliphatic EPH 041725.M Fri Apr 18 02:04:18 2025