

rteres

Instrument :

FID_E

ClientSampleId :

S-1MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE11132

Data File : FE056817.D

Signal(s) : FID1B.ch

Acq On : 13 Nov 2025 13:59

Sample : Q3604-01MSD

Misc :

ALS Vial : 17 Sample Multiplier: 1

Reviewed By :Rahul Chavli 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.638	2.574	2.720	BV	16072	201819	1.73%	0.089%
2	2.746	2.720	2.914	VV	27057	488390	4.19%	0.215%
3	2.921	2.914	2.948	VV	162	2830	0.02%	0.001%
4	2.955	2.948	2.994	VV	266	3023	0.03%	0.001%
5	3.020	2.994	3.070	VV	4884	62150	0.53%	0.027%
6	3.085	3.070	3.162	VV	262	7732	0.07%	0.003%
7	3.188	3.162	3.224	VV	187	3231	0.03%	0.001%
8	3.231	3.224	3.240	PV	97	450	0.00%	0.000%
9	3.254	3.240	3.271	PV	108	1182	0.01%	0.001%
10	3.315	3.271	3.441	VV	391898	3853750	33.06%	1.699%
11	3.462	3.441	3.506	VV	760	22470	0.19%	0.010%
12	3.527	3.506	3.552	VV	523	12968	0.11%	0.006%
13	3.560	3.552	3.587	VV	550	8088	0.07%	0.004%
14	3.597	3.587	3.610	VV	402	4485	0.04%	0.002%
15	3.629	3.610	3.668	VV	575	14342	0.12%	0.006%
16	3.685	3.668	3.744	VV	457	14233	0.12%	0.006%
17	3.768	3.744	3.782	VV	427	7032	0.06%	0.003%
18	3.808	3.782	3.888	VV	985	33318	0.29%	0.015%
19	3.929	3.888	3.982	VV	562	25396	0.22%	0.011%
20	4.006	3.982	4.071	VV	468	20395	0.17%	0.009%
21	4.075	4.071	4.082	VV	364	2145	0.02%	0.001%
22	4.104	4.082	4.131	VV	449	10439	0.09%	0.005%
23	4.139	4.131	4.196	VV	520	14063	0.12%	0.006%
24	4.217	4.196	4.250	VV	553	11725	0.10%	0.005%
25	4.273	4.250	4.282	VV	314	5673	0.05%	0.003%
26	4.307	4.282	4.321	VV	514	9547	0.08%	0.004%
27	4.338	4.321	4.366	VV	434	10143	0.09%	0.004%
28	4.399	4.366	4.430	VV	480	15054	0.13%	0.007%
29	4.475	4.430	4.490	VV	448	13625	0.12%	0.006%
30	4.504	4.490	4.527	VV	404	8284	0.07%	0.004%
31	4.567	4.527	4.587	VV	444273	4268823	36.62%	1.882%
32	4.606	4.587	4.665	VV	498628	5010268	42.99%	2.209%
33	4.681	4.665	4.708	VV	5584	87834	0.75%	0.039%
34	4.729	4.708	4.862	VV	6631	163462	1.40%	0.072%
35	4.872	4.862	4.992	VV	742	46943	0.40%	0.021%
36	5.016	4.992	5.055	VV	588	18117	0.16%	0.008%

					retention				
37	5.080	5.055	5.141	VV	536	23441	0.20%	0.010%	
38	5.147	5.141	5.186	VV	454	11385			
39	5.196	5.186	5.207	VV	414	4638			
40	5.222	5.207	5.278	VV	441	15469			
41	5.289	5.278	5.324	VV	358	9064			
42	5.339	5.324	5.377	VV	329	6687			
43	5.418	5.377	5.431	PV	338	7590	0.07%	0.003%	
44	5.434	5.431	5.488	VV	341	9021	0.08%	0.004%	
45	5.494	5.488	5.523	VV	283	5007	0.04%	0.002%	
46	5.564	5.523	5.578	VV	399	10190	0.09%	0.004%	
47	5.587	5.578	5.605	VV	310	4204	0.04%	0.002%	
48	5.614	5.605	5.628	VV	306	3075	0.03%	0.001%	
49	5.634	5.628	5.668	VV	260	4814	0.04%	0.002%	
50	5.706	5.668	5.774	VV	1384	24826	0.21%	0.011%	
51	5.835	5.774	5.881	VV	203	9785	0.08%	0.004%	
52	5.898	5.881	5.927	VV	186	3989	0.03%	0.002%	
53	5.940	5.927	5.989	VV	203	4351	0.04%	0.002%	
54	6.011	5.989	6.031	VV	202	3326	0.03%	0.001%	
55	6.037	6.031	6.071	VV	194	2305	0.02%	0.001%	
56	6.080	6.071	6.135	VV	172	3546	0.03%	0.002%	
57	6.148	6.135	6.204	VV	127	2816	0.02%	0.001%	
58	6.221	6.204	6.250	VV	74	1474	0.01%	0.001%	
59	6.280	6.250	6.432	PV	483623	5315920	45.61%	2.344%	
60	6.445	6.432	6.588	VV	2066	112080	0.96%	0.049%	
61	6.611	6.588	6.699	VV	860	43565	0.37%	0.019%	
62	6.737	6.699	6.878	VV	466309	4698468	40.31%	2.071%	
63	6.888	6.878	6.915	VV	601	11032	0.09%	0.005%	
64	6.925	6.915	6.945	VV	382	5892	0.05%	0.003%	
65	6.972	6.945	6.985	VV	319	7310	0.06%	0.003%	
66	6.996	6.985	7.007	VV	332	3727	0.03%	0.002%	
67	7.021	7.007	7.048	VV	313	6375	0.05%	0.003%	
68	7.081	7.048	7.136	VV	305	11235	0.10%	0.005%	
69	7.146	7.136	7.194	VV	212	4728	0.04%	0.002%	
70	7.200	7.194	7.213	VV	114	1089	0.01%	0.000%	
71	7.230	7.213	7.261	VV	135	1499	0.01%	0.001%	
72	7.288	7.261	7.344	VV	9455	138773	1.19%	0.061%	
73	7.379	7.344	7.510	VV	434348	4954839	42.51%	2.185%	
74	7.524	7.510	7.560	VV	2708	65098	0.56%	0.029%	
75	7.587	7.560	7.648	VV	2753	103508	0.89%	0.046%	
76	7.660	7.648	7.674	VV	1640	23812	0.20%	0.010%	
77	7.685	7.674	7.718	VV	1866	30403	0.26%	0.013%	
78	7.752	7.718	7.764	VV	773	20517	0.18%	0.009%	
79	7.774	7.764	7.848	VV	806	23895	0.21%	0.011%	
80	7.865	7.848	7.892	VV	873	13697	0.12%	0.006%	
81	7.903	7.892	7.950	VV	356	9311	0.08%	0.004%	
82	8.260	8.244	8.292	VV	1248	28860	0.25%	0.013%	
83	8.316	8.292	8.444	VV	1033	53599	0.46%	0.024%	
84	8.455	8.444	8.462	VV	456	4541	0.04%	0.002%	
85	8.475	8.462	8.524	VV	636	17338	0.15%	0.008%	
86	8.571	8.524	8.652	VV	481234	4936434	42.35%	2.176%	
87	8.684	8.652	8.851	VV	534287	5792558	49.70%	2.554%	
88	8.984	8.958	9.273	VV	547406	6215250	53.32%	2.740%	
89	9.308	9.273	9.378	VV	1301	62910	0.54%	0.028%	

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					retention				
90	9.399	9.378	9.455	VV	1829	40546	0.35%	0.018%	
91	9.464	9.455	9.578	VV	523	28183			
92	9.587	9.578	9.605	VV	357	4943			
93	9.611	9.605	9.668	VV	328	6776			
94	9.677	9.668	9.725	VV	175	3295			
95	9.735	9.725	9.743	VV	29	409			
96	9.777	9.743	9.974	PV	512506	5997546	51.46%	2.644%	
97	9.999	9.974	10.045	VV	6140	122172	1.05%	0.054%	
98	10.070	10.045	10.149	VV	16161	380986	3.27%	0.168%	
99	10.182	10.149	10.382	VV	492014	5408617	46.40%	2.385%	
100	10.407	10.382	10.467	VV	1450	28254	0.24%	0.012%	
101	10.485	10.467	10.514	VV	339	7830	0.07%	0.003%	
102	10.538	10.514	10.623	VV	3085	58885	0.51%	0.026%	
103	10.650	10.623	10.694	VV	542	15546	0.13%	0.007%	
104	10.713	10.694	10.764	VV	271	6881	0.06%	0.003%	
105	10.777	10.764	10.822	VV	140	2475	0.02%	0.001%	
106	10.850	10.822	10.870	VV	309	4879	0.04%	0.002%	
107	10.922	10.870	10.970	VV	674	13186	0.11%	0.006%	
108	11.013	10.970	11.099	VV	2246	54894	0.47%	0.024%	
109	11.111	11.099	11.124	PV	81	520	0.00%	0.000%	
110	11.189	11.124	11.238	VV	517335	5841010	50.11%	2.575%	
111	11.266	11.238	11.411	VV	462006	6251785	53.64%	2.756%	
112	11.430	11.411	11.484	VV	5755	136484	1.17%	0.060%	
113	11.490	11.484	11.534	VV	1703	40825	0.35%	0.018%	
114	11.560	11.534	11.594	VV	2087	56434	0.48%	0.025%	
115	11.629	11.594	11.696	VV	493215	5604462	48.08%	2.471%	
116	11.706	11.696	11.774	VV	1258	39883	0.34%	0.018%	
117	11.791	11.774	11.811	VV	664	12431	0.11%	0.005%	
118	11.828	11.811	11.844	VV	637	10170	0.09%	0.004%	
119	11.858	11.844	11.901	VV	428	12010	0.10%	0.005%	
120	11.952	11.901	12.044	VV	496510	5476084	46.98%	2.414%	
121	12.060	12.044	12.104	VV	1367	38035	0.33%	0.017%	
122	12.121	12.104	12.173	VV	1042	27875	0.24%	0.012%	
123	12.193	12.173	12.215	VV	455	9318	0.08%	0.004%	
124	12.233	12.215	12.268	VV	350	6442	0.06%	0.003%	
125	12.296	12.268	12.331	VV	596	12346	0.11%	0.005%	
126	12.361	12.331	12.383	VV	401	7100	0.06%	0.003%	
127	12.398	12.383	12.454	VV	448	8006	0.07%	0.004%	
128	12.462	12.454	12.484	VV	129	1492	0.01%	0.001%	
129	12.508	12.484	12.531	PV	281	3936	0.03%	0.002%	
130	12.564	12.531	12.613	VV	6134	113534	0.97%	0.050%	
131	12.626	12.613	12.645	VV	1298	21774	0.19%	0.010%	
132	12.667	12.645	12.721	VV	1258	35055	0.30%	0.015%	
133	12.728	12.721	12.741	VV	396	4257	0.04%	0.002%	
134	12.764	12.741	12.802	VV	1354	21868	0.19%	0.010%	
135	12.874	12.802	12.904	VV	624	17840	0.15%	0.008%	
136	12.943	12.904	12.984	VV	481749	5610000	48.13%	2.473%	
137	13.017	12.984	13.183	VV	501433	6087936	52.23%	2.684%	
138	13.210	13.183	13.280	VV	5638	95832	0.82%	0.042%	
139	13.317	13.280	13.360	VV	495727	5916838	50.76%	2.609%	
140	13.389	13.360	13.488	VV	303419	3710846	31.84%	1.636%	
141	13.497	13.488	13.517	VV	1242	18266	0.16%	0.008%	

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					rters			
142	13.556	13.517	13.610	VV	450190	5522515	47.38%	2.435%
143	13.631	13.610	13.708	VV	1264	50569		
144	13.716	13.708	13.771	VV	510	15887		
145	13.786	13.771	13.800	VV	544	8488		
146	13.825	13.800	13.873	VV	641	20179		
147	13.900	13.873	13.915	VV	548	9903		
148	13.932	13.915	13.950	VV	731	11477	0.10%	0.005%
149	13.982	13.950	14.018	VV	1317	27870	0.24%	0.012%
150	14.037	14.018	14.051	VV	293	5198	0.04%	0.002%
151	14.095	14.051	14.107	VV	947	16461	0.14%	0.007%
152	14.143	14.107	14.234	VV	457004	5440386	46.68%	2.399%
153	14.269	14.234	14.308	VV	2066	34990	0.30%	0.015%
154	14.339	14.308	14.420	VV	1484	31838	0.27%	0.014%
155	14.441	14.420	14.454	VV	176	2596	0.02%	0.001%
156	14.471	14.454	14.486	VV	198	2401	0.02%	0.001%
157	14.509	14.486	14.521	PV	229	3789	0.03%	0.002%
158	14.556	14.521	14.568	VV	728	15419	0.13%	0.007%
159	14.581	14.568	14.611	VV	867	12996	0.11%	0.006%
160	14.648	14.611	14.678	VV	498	11289	0.10%	0.005%
161	14.705	14.678	14.730	VV	926	12017	0.10%	0.005%
162	14.773	14.730	14.788	PV	333	7096	0.06%	0.003%
163	14.818	14.788	14.841	VV	445	7887	0.07%	0.003%
164	14.849	14.841	14.900	VV	235	6056	0.05%	0.003%
165	14.909	14.900	14.946	VV	259	4395	0.04%	0.002%
166	14.991	14.946	15.011	VV	403	9468	0.08%	0.004%
167	15.030	15.011	15.051	VV	506	7430	0.06%	0.003%
168	15.103	15.051	15.134	VV	629	16263	0.14%	0.007%
169	15.205	15.134	15.224	VV	447129	5439725	46.67%	2.398%
170	15.248	15.224	15.424	VV	892066	11655544	100.00%	5.139%
171	15.435	15.424	15.561	VV	1650	87483	0.75%	0.039%
172	15.569	15.561	15.597	VV	673	12547	0.11%	0.006%
173	15.637	15.597	15.748	VV	12999	312389	2.68%	0.138%
174	15.768	15.748	15.813	VV	2430	56709	0.49%	0.025%
175	15.840	15.813	15.874	VV	1490	26477	0.23%	0.012%
176	15.902	15.874	15.931	VV	448	9464	0.08%	0.004%
177	15.970	15.931	15.998	VV	328	8512	0.07%	0.004%
178	16.007	15.998	16.015	VV	111	729	0.01%	0.000%
179	16.094	16.015	16.113	PV	296	10015	0.09%	0.004%
180	16.160	16.113	16.200	VV	570	13334	0.11%	0.006%
181	16.274	16.200	16.324	VV	419127	5178662	44.43%	2.283%
182	16.339	16.324	16.354	VV	509	6835	0.06%	0.003%
183	16.367	16.354	16.383	VV	269	3399	0.03%	0.001%
184	16.396	16.383	16.437	VV	263	5375	0.05%	0.002%
185	16.470	16.437	16.514	PV	1268	22127	0.19%	0.010%
186	16.659	16.514	16.704	PV	1465	43824	0.38%	0.019%
187	16.715	16.704	16.727	VV	295	3223	0.03%	0.001%
188	16.774	16.727	16.788	VV	433336	5564872	47.74%	2.453%
189	16.805	16.788	17.012	VV	471802	6210953	53.29%	2.738%
190	17.044	17.012	17.084	VV	2260	39329	0.34%	0.017%
191	17.102	17.084	17.119	VV	923	10633	0.09%	0.005%
192	17.157	17.119	17.193	VV	393249	5448539	46.75%	2.402%
193	17.224	17.193	17.385	VV	409165	5468655	46.92%	2.411%
194	17.413	17.385	17.438	VV	374	8018	0.07%	0.004%

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195	17.470	17.438	17.498	VV	364	8119	0.07%	0.004%
196	17.565	17.498	17.578	PV	460	13268		
197	17.605	17.578	17.626	VV	1464	30878		
198	17.673	17.626	17.731	VV	12436	195664		
199	17.778	17.731	17.818	VV	879	29444		
200	17.854	17.818	17.871	VV	584	8790		
201	17.883	17.871	17.924	VV	377	5881	0.05%	0.003%
202	17.968	17.924	17.979	PV	347	6202	0.05%	0.003%
203	18.006	17.979	18.030	VV	1259	19703	0.17%	0.009%
204	18.115	18.030	18.153	VV	383982	5107389	43.82%	2.252%
205	18.161	18.153	18.178	VV	617	5771	0.05%	0.003%
206	18.204	18.178	18.228	VV	2033	27198	0.23%	0.012%
207	18.259	18.228	18.273	VV	1161	18116	0.16%	0.008%
208	18.288	18.273	18.309	VV	568	10223	0.09%	0.005%
209	18.319	18.309	18.331	VV	357	2631	0.02%	0.001%
210	18.353	18.331	18.364	VV	655	7672	0.07%	0.003%
211	18.388	18.364	18.409	VV	1256	18624	0.16%	0.008%
212	18.442	18.409	18.450	PV	1014	13968	0.12%	0.006%
213	18.482	18.450	18.503	VV	6907	133957	1.15%	0.059%
214	18.539	18.503	18.554	VV	412186	5798149	49.75%	2.556%
215	18.571	18.554	18.743	VV	423157	6661096	57.15%	2.937%
216	18.795	18.743	18.899	VV	399651	6201598	53.21%	2.734%
217	18.949	18.899	19.007	VV	372837	5350879	45.91%	2.359%
218	19.049	19.007	19.076	VV	4204	96086	0.82%	0.042%
219	19.104	19.076	19.134	VV	2270	60205	0.52%	0.027%
220	19.153	19.134	19.167	VV	1289	21666	0.19%	0.010%
221	19.204	19.167	19.231	VV	2662	66330	0.57%	0.029%
222	19.246	19.231	19.254	VV	1825	23048	0.20%	0.010%
223	19.265	19.254	19.280	VV	1447	20664	0.18%	0.009%
224	19.344	19.280	19.404	VV	32259	600845	5.16%	0.265%
225	19.422	19.404	19.430	VV	1494	21747	0.19%	0.010%
226	19.460	19.430	19.474	VV	1586	37431	0.32%	0.017%
227	19.511	19.474	19.544	VV	3117	86212	0.74%	0.038%
228	19.592	19.544	19.616	VV	3809	104215	0.89%	0.046%
229	19.645	19.616	19.664	VV	3253	74093	0.64%	0.033%
230	19.675	19.664	19.684	VV	1862	21064	0.18%	0.009%
231	19.734	19.684	19.785	VV	368810	5277423	45.28%	2.327%
232	19.830	19.785	19.870	VV	7853	286735	2.46%	0.126%
233	19.926	19.870	19.938	VV	4401	178910	1.53%	0.079%
234	19.972	19.938	19.988	VV	5928	155287	1.33%	0.068%
235	20.023	19.988	20.057	VV	8446	268662	2.31%	0.118%
236	20.107	20.057	20.141	VV	29814	673151	5.78%	0.297%
237	20.155	20.141	20.164	VV	7376	94886	0.81%	0.042%
238	20.178	20.164	20.191	VV	7359	113492	0.97%	0.050%
239	20.212	20.191	20.231	VV	7135	164430	1.41%	0.072%
240	20.348	20.231	20.360	VV	10635	678253	5.82%	0.299%
241	20.380	20.360	20.406	VV	11721	294668	2.53%	0.130%
242	20.475	20.406	20.511	VV	359859	5588518	47.95%	2.464%
243	20.522	20.511	20.578	VV	13763	506189	4.34%	0.223%
244	20.689	20.578	20.727	VV	19336	1456278	12.49%	0.642%
245	20.741	20.727	20.775	VV	14980	393300	3.37%	0.173%
246	20.831	20.775	20.872	VV	27611	979694	8.41%	0.432%

Instrument :

FID_E

ClientSampleId :

S-1MSD

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 11/14/2025

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rteres									
247	20.882	20.872	20.890	VV	12923	139148	1.19%	0.061%	
248	20.913	20.890	20.924	VV	13170	267468			
249	21.009	20.924	21.051	VV	16309	1054557			
250	21.069	21.051	21.102	VV	13773	398939			
251	21.124	21.102	21.146	VV	13265	333836			
252	21.223	21.146	21.284	VV	294939	5819112			
253	21.422	21.284	21.441	VV	11429	1013906	8.70%	0.447%	
254	21.455	21.441	21.518	VV	11209	482663	4.14%	0.213%	
255	21.559	21.518	21.624	VV	11616	597594	5.13%	0.263%	
256	21.659	21.624	21.731	VV	13370	582042	4.99%	0.257%	
257	21.740	21.731	21.756	VV	7353	103898	0.89%	0.046%	
258	21.769	21.756	21.817	VV	6780	224256	1.92%	0.099%	
259	21.829	21.817	21.850	VV	5820	111768	0.96%	0.049%	
260	21.875	21.850	21.884	VV	5717	111939	0.96%	0.049%	
261	21.897	21.884	21.928	VV	5755	142647	1.22%	0.063%	
262	21.962	21.928	22.019	VV	5610	262145	2.25%	0.116%	
263	22.046	22.019	22.061	VV	4083	96760	0.83%	0.043%	
264	22.080	22.061	22.094	VV	3617	64612	0.55%	0.028%	
265	22.161	22.094	22.281	VV	204424	5208152	44.68%	2.296%	
266	22.292	22.281	22.304	VV	803	6245	0.05%	0.003%	
267	22.315	22.304	22.327	VV	469	3918	0.03%	0.002%	
Sum of corrected areas:					226816231				

Instrument :
FID_E
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Manual IntegrationsAPPROVED

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Aliphatic EPH 103025.M Fri Nov 14 04:39:06 2025