

Instrument :

FID_E

ClientSampleId :

ETGI-352MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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

Data File : FE045113.D

Signal(s) : FID1B.ch

Acq On : 31 Oct 2023 19:49

Sample : 05164-01MSD

Misc :

ALS Vial : 21 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.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	3.233	3.184	3.253	BV	9991	102545	0.40%	0.019%
2	3.287	3.253	3.404	VV	643723	6436142	25.31%	1.180%
3	3.422	3.404	3.445	VV	897	14834	0.06%	0.003%
4	3.468	3.445	3.518	VV	1794	28180	0.11%	0.005%
5	3.527	3.518	3.544	VV	376	4031	0.02%	0.001%
6	3.564	3.544	3.578	VV	265	3807	0.01%	0.001%
7	3.596	3.578	3.603	VV	381	3841	0.02%	0.001%
8	3.625	3.603	3.670	VV	4989	69265	0.27%	0.013%
9	3.708	3.670	3.726	VV	2345	46335	0.18%	0.008%
10	3.754	3.726	3.831	VV	32664	327648	1.29%	0.060%
11	3.870	3.831	3.911	VV	27469	263393	1.04%	0.048%
12	3.924	3.911	3.939	VV	506	6544	0.03%	0.001%
13	3.958	3.939	4.004	VV	2169	33286	0.13%	0.006%
14	4.022	4.004	4.041	VV	2082	21669	0.09%	0.004%
15	4.059	4.041	4.101	VV	1441	27501	0.11%	0.005%
16	4.121	4.101	4.204	VV	1649	30702	0.12%	0.006%
17	4.255	4.204	4.285	PV	3687	81916	0.32%	0.015%
18	4.298	4.285	4.339	VV	726	13498	0.05%	0.002%
19	4.349	4.339	4.377	VV	273	4345	0.02%	0.001%
20	4.394	4.377	4.408	VV	270	3759	0.01%	0.001%
21	4.424	4.408	4.464	VV	851	12123	0.05%	0.002%
22	4.479	4.464	4.493	VV	234	3392	0.01%	0.001%
23	4.538	4.493	4.554	VV	744560	7235591	28.45%	1.327%
24	4.572	4.554	4.678	VV	737961	7433760	29.23%	1.363%
25	4.696	4.678	4.734	VV	1131	22345	0.09%	0.004%
26	4.752	4.734	4.798	VV	771	15861	0.06%	0.003%
27	4.815	4.798	4.832	VV	813	10160	0.04%	0.002%
28	4.841	4.832	4.874	VV	371	5533	0.02%	0.001%
29	4.897	4.874	4.936	VV	348	8946	0.04%	0.002%
30	4.952	4.936	4.963	VV	305	4134	0.02%	0.001%
31	5.010	4.963	5.064	VV	665	22739	0.09%	0.004%

32	5.106	5.064	5.168	VV	1409	30072	0.12%	0.006%
33	5.189	5.168	5.218	VV	1501	1786		
34	5.235	5.218	5.274	VV	551	998		
35	5.297	5.274	5.338	VV	610	1214		
36	5.374	5.338	5.394	VV	615	836		
37	5.436	5.394	5.456	VV	1102	15168	0.06%	0.003%
38	5.472	5.456	5.498	VV	814	10079	0.04%	0.002%
39	5.524	5.498	5.552	VV	788	10996	0.04%	0.002%
40	5.561	5.552	5.591	VV	74	1132	0.00%	0.000%
41	5.614	5.591	5.623	PV	117	1217	0.00%	0.000%
42	5.638	5.623	5.651	VV	276	3106	0.01%	0.001%
43	5.668	5.651	5.691	VV	1590	17659	0.07%	0.003%
44	5.701	5.691	5.713	VV	272	3215	0.01%	0.001%
45	5.735	5.713	5.754	VV	1744	19041	0.07%	0.003%
46	5.772	5.754	5.841	VV	807	14682	0.06%	0.003%
47	5.860	5.841	5.888	VV	311	6282	0.02%	0.001%
48	5.915	5.888	5.961	VV	4502	49173	0.19%	0.009%
49	5.980	5.961	6.005	VV	184	3852	0.02%	0.001%
50	6.028	6.005	6.038	VV	137	1964	0.01%	0.000%
51	6.058	6.038	6.074	VV	139	2344	0.01%	0.000%
52	6.088	6.074	6.160	VV	248	6030	0.02%	0.001%
53	6.237	6.160	6.398	PV	834937	8092807	31.82%	1.484%
54	6.409	6.398	6.426	VV	990	14408	0.06%	0.003%
55	6.436	6.426	6.461	VV	819	14382	0.06%	0.003%
56	6.468	6.461	6.477	VV	597	5691	0.02%	0.001%
57	6.492	6.477	6.517	VV	607	12811	0.05%	0.002%
58	6.537	6.517	6.573	VV	892	18999	0.07%	0.003%
59	6.583	6.573	6.642	VV	422	13820	0.05%	0.003%
60	6.701	6.642	6.774	VV	758860	7838946	30.83%	1.437%
61	6.788	6.774	6.834	VV	696	20541	0.08%	0.004%
62	6.852	6.834	6.882	VV	871	16426	0.06%	0.003%
63	6.896	6.882	6.914	VV	289	4621	0.02%	0.001%
64	6.924	6.914	6.941	VV	265	2996	0.01%	0.001%
65	6.987	6.941	7.005	VV	246	7012	0.03%	0.001%
66	7.023	7.005	7.061	VV	335	6870	0.03%	0.001%
67	7.088	7.061	7.104	VV	932	12309	0.05%	0.002%
68	7.121	7.104	7.160	VV	744	18414	0.07%	0.003%
69	7.183	7.160	7.204	VV	3644	43469	0.17%	0.008%
70	7.235	7.204	7.290	VV	10663	134923	0.53%	0.025%
71	7.334	7.290	7.412	VV	801751	8077059	31.76%	1.481%
72	7.427	7.412	7.453	VV	2677	48705	0.19%	0.009%
73	7.469	7.453	7.501	VV	1829	36122	0.14%	0.007%
74	7.532	7.501	7.547	VV	2651	43414	0.17%	0.008%
75	7.556	7.547	7.588	VV	1724	25305	0.10%	0.005%
76	7.608	7.588	7.625	VV	1423	20430	0.08%	0.004%
77	7.648	7.625	7.691	VV	2325	50847	0.20%	0.009%
78	7.704	7.691	7.793	VV	740	22275	0.09%	0.004%
79	7.818	7.793	7.844	VV	767	10830	0.04%	0.002%

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80	7.860	7.844	7.891	VV	270	5033	0.02%	0.001%
81	7.897	7.891	7.907	VV	169	107		
82	7.959	7.907	8.043	VV	673001	698703		
83	8.067	8.043	8.159	VV	1631	7275		
84	8.173	8.159	8.194	VV	491	826		
85	8.220	8.194	8.251	VV	1345	20892	0.08%	0.004%
86	8.276	8.251	8.309	VV	1377	20786	0.08%	0.004%
87	8.324	8.309	8.334	VV	302	3856	0.02%	0.001%
88	8.349	8.334	8.368	VV	348	5915	0.02%	0.001%
89	8.416	8.368	8.441	VV	817	22433	0.09%	0.004%
90	8.452	8.441	8.471	VV	792	11509	0.05%	0.002%
91	8.531	8.471	8.600	VV	758124	8284314	32.58%	1.519%
92	8.635	8.600	8.791	VV	782306	8176714	32.15%	1.499%
93	8.835	8.791	8.901	VV	422732	4551992	17.90%	0.835%
94	8.936	8.901	9.044	VV	802705	8510568	33.47%	1.560%
95	9.065	9.044	9.114	VV	966	30632	0.12%	0.006%
96	9.129	9.114	9.161	VV	630	15969	0.06%	0.003%
97	9.174	9.161	9.186	VV	573	7757	0.03%	0.001%
98	9.208	9.186	9.237	VV	2430	34068	0.13%	0.006%
99	9.262	9.237	9.314	VV	1044	26877	0.11%	0.005%
100	9.355	9.314	9.394	VV	2179	37866	0.15%	0.007%
101	9.407	9.394	9.482	VV	747	13104	0.05%	0.002%
102	9.502	9.482	9.521	PV	225	3010	0.01%	0.001%
103	9.540	9.521	9.564	VV	365	5515	0.02%	0.001%
104	9.585	9.564	9.601	VV	167	2285	0.01%	0.000%
105	9.619	9.601	9.628	VV	137	1738	0.01%	0.000%
106	9.650	9.628	9.664	VV	148	2356	0.01%	0.000%
107	9.682	9.664	9.691	VV	1758	17487	0.07%	0.003%
108	9.726	9.691	9.842	VV	789085	8444331	33.21%	1.548%
109	9.872	9.842	9.894	VV	1041	24431	0.10%	0.004%
110	9.937	9.894	10.018	VV	4533	85344	0.34%	0.016%
111	10.049	10.018	10.100	VV	915	27475	0.11%	0.005%
112	10.140	10.100	10.339	VV	772027	8734540	34.35%	1.601%
113	10.363	10.339	10.388	VV	1029	11822	0.05%	0.002%
114	10.413	10.388	10.451	PV	652	9061	0.04%	0.002%
115	10.473	10.451	10.498	VV	238	4078	0.02%	0.001%
116	10.525	10.498	10.550	VV	404	7017	0.03%	0.001%
117	10.575	10.550	10.592	VV	470	9071	0.04%	0.002%
118	10.609	10.592	10.633	VV	605	9618	0.04%	0.002%
119	10.649	10.633	10.671	VV	397	5630	0.02%	0.001%
120	10.726	10.671	10.749	VV	357	8686	0.03%	0.002%
121	10.782	10.749	10.819	VV	1342	26761	0.11%	0.005%
122	10.834	10.819	10.849	VV	775	10312	0.04%	0.002%
123	10.877	10.849	10.898	VV	1228	27075	0.11%	0.005%
124	10.923	10.898	10.996	VV	10769	191706	0.75%	0.035%
125	11.027	10.996	11.047	VV	257	5889	0.02%	0.001%
126	11.136	11.047	11.177	PV	759075	8492705	33.40%	1.557%

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127	11.212	11.177	11.362	VV	705470	8314590	32.70%	1.524%
128	11.386	11.362	11.408	VV	5159	6800		
129	11.428	11.408	11.483	VV	3716	6554		
130	11.514	11.483	11.538	VV	1086	2328		
131	11.587	11.538	11.638	VV	748851	887016		
132	11.656	11.638	11.706	VV	2188	49386	0.19%	0.009%
133	11.738	11.706	11.757	VV	777	12424	0.05%	0.002%
134	11.776	11.757	11.802	VV	852	12054	0.05%	0.002%
135	11.828	11.802	11.864	VV	2412	35987	0.14%	0.007%
136	11.901	11.864	11.953	VV	498196	5487179	21.58%	1.006%
137	11.970	11.953	12.017	VV	2853	53481	0.21%	0.010%
138	12.052	12.017	12.071	VV	3752	61615	0.24%	0.011%
139	12.086	12.071	12.099	VV	2514	30931	0.12%	0.006%
140	12.114	12.099	12.154	VV	2516	38733	0.15%	0.007%
141	12.188	12.154	12.221	PV	1222	17334	0.07%	0.003%
142	12.257	12.221	12.279	VV	1232	22191	0.09%	0.004%
143	12.303	12.279	12.332	VV	5479	84450	0.33%	0.015%
144	12.349	12.332	12.382	VV	1622	29272	0.12%	0.005%
145	12.410	12.382	12.453	VV	4294	60667	0.24%	0.011%
146	12.503	12.453	12.571	VV	36986	423892	1.67%	0.078%
147	12.591	12.571	12.648	VV	2079	42954	0.17%	0.008%
148	12.659	12.648	12.670	VV	432	4839	0.02%	0.001%
149	12.684	12.670	12.694	VV	526	6692	0.03%	0.001%
150	12.726	12.694	12.767	VV	3925	69405	0.27%	0.013%
151	12.792	12.767	12.821	PV	2331	30708	0.12%	0.006%
152	12.838	12.821	12.859	VV	1969	25102	0.10%	0.005%
153	12.901	12.859	12.928	VV	702600	8759446	34.44%	1.606%
154	12.963	12.928	13.074	VV	764834	8777136	34.51%	1.609%
155	13.091	13.074	13.104	VV	730	9864	0.04%	0.002%
156	13.141	13.104	13.218	VV	7869	123775	0.49%	0.023%
157	13.262	13.218	13.293	PV	702740	8599567	33.82%	1.577%
158	13.342	13.293	13.407	VV	330037	4332699	17.04%	0.794%
159	13.437	13.407	13.474	VV	3293	77118	0.30%	0.014%
160	13.513	13.474	13.558	VV	671983	8394498	33.01%	1.539%
161	13.572	13.558	13.588	VV	1488	24808	0.10%	0.005%
162	13.601	13.588	13.627	VV	1397	23445	0.09%	0.004%
163	13.653	13.627	13.687	VV	1506	30147	0.12%	0.006%
164	13.735	13.687	13.801	VV	5243	108605	0.43%	0.020%
165	13.847	13.801	13.880	VV	6162	109887	0.43%	0.020%
166	13.952	13.880	13.976	VV	5450	115376	0.45%	0.021%
167	13.994	13.976	14.016	VV	2845	43410	0.17%	0.008%
168	14.038	14.016	14.061	VV	2298	43771	0.17%	0.008%
169	14.101	14.061	14.147	VV	635929	8294841	32.62%	1.521%
170	14.165	14.147	14.210	VV	2261	43806	0.17%	0.008%
171	14.269	14.210	14.304	VV	1062	36720	0.14%	0.007%
172	14.325	14.304	14.341	VV	600	10098	0.04%	0.002%
173	14.353	14.341	14.365	VV	455	5005	0.02%	0.001%
174	14.371	14.365	14.388	VV	228	1870	0.01%	0.000%

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175	14.433	14.388	14.443	PV	131	2358	0.01%	0.000%
176	14.535	14.443	14.568	VV	13520	20863		
177	14.587	14.568	14.641	VV	4066	6525		
178	14.663	14.641	14.703	VV	2985	4996		
179	14.721	14.703	14.735	VV	1360	1656		
180	14.762	14.735	14.798	VV	5842	88148	0.35%	0.016%
181	14.825	14.798	14.851	VV	6422	90858	0.36%	0.017%
182	14.890	14.851	14.931	VV	4923	85772	0.34%	0.016%
183	14.949	14.931	14.966	PV	465	4849	0.02%	0.001%
184	15.036	14.966	15.069	VV	5544	88956	0.35%	0.016%
185	15.093	15.069	15.103	PV	755	7221	0.03%	0.001%
186	15.149	15.103	15.168	VV	547048	8211067	32.29%	1.505%
187	15.197	15.168	15.281	VV	925170	16497612	64.87%	3.025%
188	15.303	15.281	15.350	VV	6260	137133	0.54%	0.025%
189	15.387	15.350	15.421	VV	1863	51065	0.20%	0.009%
190	15.447	15.421	15.465	VV	2061	30240	0.12%	0.006%
191	15.482	15.465	15.548	VV	1734	44724	0.18%	0.008%
192	15.596	15.548	15.664	VV	16462	404922	1.59%	0.074%
193	15.681	15.664	15.695	VV	897	12418	0.05%	0.002%
194	15.729	15.695	15.761	VV	7589	145162	0.57%	0.027%
195	15.795	15.761	15.837	VV	9486	215372	0.85%	0.039%
196	15.853	15.837	15.881	VV	1943	25056	0.10%	0.005%
197	15.901	15.881	15.924	VV	566	6796	0.03%	0.001%
198	15.978	15.924	16.017	PV	2689	75869	0.30%	0.014%
199	16.053	16.017	16.079	PV	1948	26795	0.11%	0.005%
200	16.136	16.079	16.160	PV	1545	29111	0.11%	0.005%
201	16.234	16.160	16.272	VV	578064	7966025	31.32%	1.461%
202	16.294	16.272	16.324	VV	1921	26264	0.10%	0.005%
203	16.359	16.324	16.376	VV	426	7808	0.03%	0.001%
204	16.417	16.376	16.430	PV	1959	28985	0.11%	0.005%
205	16.443	16.430	16.468	VV	1354	25578	0.10%	0.005%
206	16.523	16.468	16.544	VV	4151	96883	0.38%	0.018%
207	16.563	16.544	16.583	VV	2552	46918	0.18%	0.009%
208	16.620	16.583	16.641	VV	8251	176244	0.69%	0.032%
209	16.651	16.641	16.665	VV	5594	74324	0.29%	0.014%
210	16.719	16.665	16.733	VV	470655	9494024	37.33%	1.741%
211	16.751	16.733	16.775	VV	646415	8553205	33.63%	1.568%
212	16.790	16.775	16.819	VV	26549	430555	1.69%	0.079%
213	16.840	16.819	16.861	VV	9375	180898	0.71%	0.033%
214	16.876	16.861	16.890	VV	5779	90975	0.36%	0.017%
215	16.906	16.890	16.936	VV	5628	134211	0.53%	0.025%
216	16.964	16.936	16.973	VV	4521	89542	0.35%	0.016%
217	17.031	16.973	17.054	VV	22978	514244	2.02%	0.094%
218	17.099	17.054	17.140	VV	595205	8650520	34.02%	1.586%
219	17.184	17.140	17.219	VV	532351	8352876	32.85%	1.531%
220	17.256	17.219	17.285	VV	21045	499347	1.96%	0.092%
221	17.299	17.285	17.307	VV	6824	87418	0.34%	0.016%

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222	17.330	17.307	17.376	VV	7236	265545	1.04%	0.049%
223	17.388	17.376	17.407	VV	5413	9896		
224	17.449	17.407	17.526	VV	6902	39664		
225	17.561	17.526	17.603	VV	19217	56904		
226	17.631	17.603	17.659	VV	17046	37848		
227	17.710	17.659	17.722	VV	9072	281791	1.11%	0.052%
228	17.748	17.722	17.768	VV	9833	250930	0.99%	0.046%
229	17.964	17.768	17.988	VV	18640	1714548	6.74%	0.314%
230	18.077	17.988	18.116	VV	550319	9026099	35.49%	1.655%
231	18.164	18.116	18.192	VV	24248	777424	3.06%	0.143%
232	18.214	18.192	18.225	VV	16189	312225	1.23%	0.057%
233	18.251	18.225	18.275	VV	16200	471043	1.85%	0.086%
234	18.394	18.275	18.416	VV	27473	1736027	6.83%	0.318%
235	18.481	18.416	18.496	VV	426668	10182904	40.04%	1.867%
236	18.517	18.496	18.622	VV	566727	11512656	45.27%	2.111%
237	18.637	18.622	18.686	VV	33073	1182069	4.65%	0.217%
238	18.746	18.686	18.835	VV	556118	11428671	44.94%	2.095%
239	18.908	18.835	18.961	VV	539856	10673178	41.97%	1.957%
240	19.006	18.961	19.037	VV	46238	1815970	7.14%	0.333%
241	19.055	19.037	19.078	VV	40395	965956	3.80%	0.177%
242	19.103	19.078	19.110	VV	41084	777352	3.06%	0.143%
243	19.301	19.110	19.350	VV	70295	7652537	30.09%	1.403%
244	19.369	19.350	19.414	VV	55592	2126911	8.36%	0.390%
245	19.431	19.414	19.478	VV	57099	2103636	8.27%	0.386%
246	19.695	19.478	19.730	VV	584619	18124159	71.27%	3.323%
247	19.746	19.730	19.772	VV	87574	2053087	8.07%	0.376%
248	19.798	19.772	19.831	VV	82296	2706813	10.64%	0.496%
249	19.887	19.831	19.918	VV	77054	3905538	15.36%	0.716%
250	19.950	19.918	20.000	VV	79529	3815636	15.00%	0.700%
251	20.144	20.000	20.153	VV	95155	7731579	30.40%	1.418%
252	20.181	20.153	20.212	VV	99814	3466781	13.63%	0.636%
253	20.275	20.212	20.288	VV	102738	4630903	18.21%	0.849%
254	20.364	20.288	20.384	VV	111816	6068989	23.87%	1.113%
255	20.438	20.384	20.474	VV	603088	13936965	54.80%	2.555%
256	20.548	20.474	20.556	VV	132658	6055701	23.81%	1.110%
257	20.578	20.556	20.650	VV	139118	7332735	28.83%	1.344%
258	20.750	20.650	20.764	VV	137711	8784024	34.54%	1.610%
259	20.786	20.764	20.854	VV	140200	7283648	28.64%	1.335%
260	20.893	20.854	20.913	VV	132698	4563475	17.95%	0.837%
261	20.940	20.913	20.973	VV	136180	4785817	18.82%	0.877%
262	20.993	20.973	21.004	VV	133047	2510754	9.87%	0.460%
263	21.086	21.004	21.131	VV	140581	10288763	40.46%	1.886%
264	21.181	21.131	21.228	VV	535452	15397172	60.55%	2.823%
265	21.315	21.228	21.415	VV	140136	14565776	57.28%	2.671%
266	21.444	21.415	21.453	VV	118039	2723866	10.71%	0.499%
267	21.474	21.453	21.490	VV	120539	2587413	10.17%	0.474%
268	21.577	21.490	21.627	VV	126303	10156562	39.94%	1.862%
269	21.637	21.627	21.708	VV	120853	5613732	22.08%	1.029%

Instrument :

FID_E

ClientSampleId :

ETGI-352MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023

					rters			
270	21.745	21.708	21.779	VV	115572	4835625	19.02%	0.887%
271	21.881	21.779	21.960	VV	127085	1282816		
272	22.104	21.960	22.209	VV	430082	2543026		
273	22.238	22.209	22.248	VV	100444	230876		
					Sum of corrected areas:			

Instrument :
FID_E
ClientSampleId :
ETGI-352MSD

Manual IntegrationsAPPROVED
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

Aliphatic EPH 101223.M Wed Nov 01 04:07:34 2023