

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100223AL\  
 Data File : FC064710.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 Oct 2023 06:01  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

**Instrument :**  
 FID\_C  
**ClientSampleId :**  
 20 PPM ALIPHATIC HC STD

**Manual Integrations**  
**APPROVED**

Reviewed By :Yogesh Patel 10/03/2023  
 Supervised By :Ankita Jodhani 10/03/2023

Integration File: autoint1.e  
 Quant Time: Oct 03 06:31:04 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 01:25:53 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
<b>System Monitoring Compounds</b>			
9) S ortho-Terphenyl (SURR)	11.520	4688530	23.171 ug/ml
Spiked Amount	50.000	Recovery =	46.34%
12) S 1-chlorooctadecane (S...	12.951	3400589	23.347 ug/ml
Spiked Amount	50.000	Recovery =	46.69%
<b>Target Compounds</b>			
1) T n-Nonane (C9)	3.321	4077184	23.072 ug/ml
2) T n-Decane (C10)	4.380	4109959	22.878 ug/ml
3) T A~Naphthalene (C11.7)	5.960	4298379	22.880 ug/ml
4) T n-Dodecane (C12)	6.390	4152507	22.861 ug/ml
5) T A~2-methylnaphthalene...	7.014	4127782	23.146 ug/ml
6) T n-Tetradecane (C14)	8.177	4034526	22.738 ug/ml
7) T n-Hexadecane (C16)	9.771	4037887	22.463 ug/ml
8) T n-Octadecane (C18)	11.206	4048184	22.359 ug/ml
10) T n-Eicosane (C20)	12.510	3848753	22.595 ug/ml
11) T n-Heneicosane (C21)	13.119	3758822	22.695 ug/ml
13) T n-Docosane (C22)	13.702	3678557	22.580 ug/ml
14) T n-Tetracosane (C24)	14.800	3532558	22.251 ug/ml
15) T n-Hexacosane (C26)	15.815	3371961	22.090 ug/ml
16) T n-Octacosane (C28)	16.761	3244358	21.922 ug/ml
17) T n-Tricontane (C30)	17.643	3210189	21.609 ug/ml
18) T n-Dotriacontane (C32)	18.473	3147994	21.571 ug/ml
19) T n-Tetratriacontane (C34)	19.252	3063301	21.547 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2957860	21.475 ug/mlm
21) T n-Octatriacontane (C38)	20.710	2913016	21.255 ug/ml
22) T n-Tetracontane (C40)	21.589	2947667	21.670 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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