

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051722AL\
 Data File : FC059798.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2022 10:44
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2022
 Supervised By :mohammad ahmed 05/18/2022

Integration File: autoint1.e
 Quant Time: May 17 15:21:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.650	2794238	19.028 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
12) S 1-chlorooctadecane (S...	12.020	2193329	19.059 ug/ml
Spiked Amount 50.000		Recovery =	38.12%
Target Compounds			
1) T n-Nonane (C9)	2.627	2496245	19.547 ug/ml
2) T n-Decane (C10)	3.627	2583316	20.398 ug/ml
3) T A~Naphthalene (C11.7)	5.163	2915293	19.799 ug/ml
4) T n-Dodecane (C12)	5.581	2693511	20.482 ug/ml
5) T A~2-methylnaphthalene...	6.188	2977671	19.809 ug/ml
6) T n-Tetradecane (C14)	7.333	2724360	20.247 ug/ml
7) T n-Hexadecane (C16)	8.897	2740248	19.971 ug/ml
8) T n-Octadecane (C18)	10.306	2703724	19.620 ug/ml
10) T n-Eicosane (C20)	11.585	2586074	19.228 ug/ml
11) T n-Heneicosane (C21)	12.184	2538919	19.032 ug/ml
13) T n-Docosane (C22)	12.757	2532145	19.294 ug/ml
14) T n-Tetracosane (C24)	13.835	2489845	19.789 ug/ml
15) T n-Hexacosane (C26)	14.833	2356964	19.735 ug/ml
16) T n-Octacosane (C28)	15.761	2389806	20.992 ug/ml
17) T n-Tricontane (C30)	16.628	2531817	23.032 ug/ml
18) T n-Dotriacontane (C32)	17.443	2471528	23.907 ug/mlm
19) T n-Tetratriacontane (C34)	18.208	2257830	23.126 ug/mlm
20) T n-Hexatriacontane (C36)	18.929	2069950	22.297 ug/mlm
21) T n-Octatriacontane (C38)	19.613	1949450	20.479 ug/mlm
22) T n-Tetracontane (C40)	20.261	1943100	20.526 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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