

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050922AL\
 Data File : FC059657.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2022 10:45
 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 05/11/2022
 Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E
 Quant Time: May 11 01:05:31 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)	10.669	3248772	22.124 ug/ml
Spiked Amount 50.000		Recovery =	44.25%
12) S 1-chlorooctadecane (S...	12.037	2550089	22.159 ug/ml
Spiked Amount 50.000		Recovery =	44.32%
Target Compounds			
1) T n-Nonane (C9)	2.643	2822181	22.100 ug/ml
2) T n-Decane (C10)	3.643	2858149	22.568 ug/ml
3) T A~Naphthalene (C11.7)	5.182	3281624	22.287 ug/ml
4) T n-Dodecane (C12)	5.598	2966076	22.554 ug/ml
5) T A~2-methylnaphthalene...	6.206	3365430	22.389 ug/ml
6) T n-Tetradecane (C14)	7.349	3016727	22.419 ug/ml
7) T n-Hexadecane (C16)	8.913	3077740	22.430 ug/ml
8) T n-Octadecane (C18)	10.322	3091451	22.433 ug/ml
10) T n-Eicosane (C20)	11.602	2998709	22.296 ug/ml
11) T n-Heneicosane (C21)	12.199	2962321	22.206 ug/ml
13) T n-Docosane (C22)	12.772	2931399	22.336 ug/ml
14) T n-Tetracosane (C24)	13.850	2806646	22.307 ug/ml
15) T n-Hexacosane (C26)	14.848	2675783	22.405 ug/ml
16) T n-Octacosane (C28)	15.776	2608334	22.911 ug/ml
17) T n-Tricontane (C30)	16.643	2525465	22.975 ug/ml
18) T n-Dotriacontane (C32)	17.456	2379191	23.013 ug/ml
19) T n-Tetratriacontane (C34)	18.219	2242670	22.971 ug/mlm
20) T n-Hexatriacontane (C36)	18.942	2135464	23.003 ug/mlm
21) T n-Octatriacontane (C38)	19.626	2080211	21.852 ug/mlm
22) T n-Tetracontane (C40)	20.272	2107528	22.263 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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