

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062022AL\
 Data File : FC060385.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jun 2022 13:36
 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 06/23/2022
 Supervised By :Ankita Jodhani 06/23/2022

Integration File: autoint1.e
 Quant Time: Jun 22 03:26:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.649	3109115	19.978 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
12) S 1-chlorooctadecane (S...	12.020	2450885	19.767 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	2.620	2841527	22.202 ug/ml
2) T n-Decane (C10)	3.621	2874311	22.468 ug/ml
3) T A~Naphthalene (C11.7)	5.163	2989444	20.682 ug/ml
4) T n-Dodecane (C12)	5.576	3030704	22.735 ug/ml
5) T A~2-methylnaphthalene...	6.188	3013972	20.536 ug/ml
6) T n-Tetradecane (C14)	7.328	3060953	22.422 ug/ml
7) T n-Hexadecane (C16)	8.893	3070439	21.884 ug/ml
8) T n-Octadecane (C18)	10.303	3027272	21.154 ug/ml
10) T n-Eicosane (C20)	11.584	2903481	20.351 ug/ml
11) T n-Heneicosane (C21)	12.183	2859569	19.950 ug/ml
13) T n-Docosane (C22)	12.756	2801721	19.661 ug/ml
14) T n-Tetracosane (C24)	13.836	2694141	19.199 ug/ml
15) T n-Hexacosane (C26)	14.835	2639253	19.490 ug/ml
16) T n-Octacosane (C28)	15.764	2655475	20.390 ug/ml
17) T n-Tricontane (C30)	16.633	2723866	22.249 ug/ml
18) T n-Dotriacontane (C32)	17.447	2689244	24.120 ug/ml
19) T n-Tetratriacontane (C34)	18.213	2533308	24.838 ug/ml
20) T n-Hexatriacontane (C36)	18.934	2370439	25.031 ug/mlm
21) T n-Octatriacontane (C38)	19.619	2278337	24.694 ug/ml
22) T n-Tetracontane (C40)	20.267	2182369	23.195 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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