

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066387.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2024 08:53
 Operator : YP/AJ
 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 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 13 01:39:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.560	2802943	16.953 ug/ml
Spiked Amount 50.000		Recovery =	33.91%
12) S 1-chlorooctadecane (S...	12.999	2102671	17.142 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
Target Compounds			
1) T n-Nonane (C9)	3.312	2482349	16.436 ug/ml
2) T n-Decane (C10)	4.381	2549054	16.576 ug/ml
3) T A~Naphthalene (C11.7)	5.964	2822393	16.612 ug/ml
4) T n-Dodecane (C12)	6.403	2559173	16.652 ug/ml
5) T A~2-methylnaphthalene...	7.022	2741736	16.636 ug/ml
6) T n-Tetradecane (C14)	8.200	2529611	16.715 ug/ml
7) T n-Hexadecane (C16)	9.802	2603370	17.026 ug/ml
8) T n-Octadecane (C18)	11.245	2607353	17.177 ug/ml
10) T n-Eicosane (C20)	12.556	2503448	17.403 ug/ml
11) T n-Heneicosane (C21)	13.168	2444749	17.392 ug/ml
13) T n-Docosane (C22)	13.754	2421549	17.296 ug/ml
14) T n-Tetracosane (C24)	14.858	2436614	17.308 ug/ml
15) T n-Hexacosane (C26)	15.879	2335873	17.077 ug/ml
16) T n-Octacosane (C28)	16.830	2309609	17.246 ug/ml
17) T n-Tricontane (C30)	17.718	2378720	17.651 ug/ml
18) T n-Dotriacontane (C32)	18.551	2396974	18.616 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2277863	19.253 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2346332	20.413 ug/ml
21) T n-Octatriacontane (C38)	20.811	2447712	22.741 ug/ml
22) T n-Tetracontane (C40)	21.721	2558123	23.856 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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