

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061924AL\
 Data File : FC066642.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2024 11:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2024
 Supervised By :Ankita Jodhani 06/20/2024

Integration File: autoint1.e
 Quant Time: Jun 20 03:10:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.537	3616338	20.966 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
12) S 1-chlorooctadecane (S...	12.976	2860947	20.734 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
Target Compounds			
1) T n-Nonane (C9)	3.296	3039294	20.918 ug/ml
2) T n-Decane (C10)	4.363	3172106	21.266 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3473176	21.391 ug/ml
4) T n-Dodecane (C12)	6.383	3223745	21.271 ug/ml
5) T A~2-methylnaphthalene...	7.005	3394279	21.366 ug/ml
6) T n-Tetradecane (C14)	8.179	3253736	21.450 ug/ml
7) T n-Hexadecane (C16)	9.780	3446608	21.516 ug/ml
8) T n-Octadecane (C18)	11.222	3547443	21.380 ug/ml
10) T n-Eicosane (C20)	12.532	3423952	21.062 ug/ml
11) T n-Heneicosane (C21)	13.143	3354739	20.821 ug/ml
13) T n-Docosane (C22)	13.729	3336193	20.809 ug/ml
14) T n-Tetracosane (C24)	14.832	3244056	20.440 ug/ml
15) T n-Hexacosane (C26)	15.853	3094107	20.263 ug/ml
16) T n-Octacosane (C28)	16.803	3022172	20.951 ug/ml
17) T n-Tricontane (C30)	17.691	3131640	22.415 ug/ml
18) T n-Dotriacontane (C32)	18.523	3055643	23.154 ug/ml
19) T n-Tetratriacontane (C34)	19.306	2859590	23.122 ug/ml
20) T n-Hexatriacontane (C36)	20.046	2599373	21.568 ug/ml
21) T n-Octatriacontane (C38)	20.777	2627212	22.975 ug/ml
22) T n-Tetracontane (C40)	21.684	2456522	21.873 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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