

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021424AL\
 Data File : FC065755.D
 Signal(s) : FID1A.ch
 Acq On : 14 Feb 2024 20:22
 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 02/15/2024
 Supervised By :Ankita Jodhani 02/15/2024

Integration File: autoint1.e
 Quant Time: Feb 14 22:43:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.499	3439104	20.049 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
12) S 1-chlorooctadecane (S...	12.930	2563162	20.367 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			
1) T n-Nonane (C9)	3.290	3009041	20.029 ug/ml
2) T n-Decane (C10)	4.353	3068691	20.183 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3078241	19.961 ug/ml
4) T n-Dodecane (C12)	6.366	3091649	20.200 ug/ml
5) T A~2-methylnaphthalene...	6.995	2921096	20.514 ug/ml
6) T n-Tetradecane (C14)	8.156	3016518	20.318 ug/ml
7) T n-Hexadecane (C16)	9.751	3082080	20.552 ug/ml
8) T n-Octadecane (C18)	11.185	3144987	20.389 ug/ml
10) T n-Eicosane (C20)	12.488	3049883	20.281 ug/ml
11) T n-Heneicosane (C21)	13.096	3023166	20.214 ug/ml
13) T n-Docosane (C22)	13.679	3022627	20.378 ug/ml
14) T n-Tetracosane (C24)	14.776	3032705	20.397 ug/ml
15) T n-Hexacosane (C26)	15.791	3031953	20.460 ug/ml
16) T n-Octacosane (C28)	16.736	3049842	20.785 ug/ml
17) T n-Tricontane (C30)	17.619	3209637	21.381 ug/ml
18) T n-Dotriacontane (C32)	18.449	3201984	21.652 ug/ml
19) T n-Tetratriacontane (C34)	19.228	3100359	21.390 ug/mlm
20) T n-Hexatriacontane (C36)	19.965	2956834	20.831 ug/mlm
21) T n-Octatriacontane (C38)	20.681	2878435	20.335 ug/ml
22) T n-Tetracontane (C40)	21.554	2806709	20.122 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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