

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F122623AL\
 Data File : FC065526.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 16:46
 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 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:26:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 2023
 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)	11.496	4579367	20.010 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	12.928	3253508	19.904 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
Target Compounds			
1) T n-Nonane (C9)	3.298	4037870	20.307 ug/ml
2) T n-Decane (C10)	4.356	4084142	20.372 ug/ml
3) T A~Naphthalene (C11.7)	5.936	4145210	20.625 ug/ml
4) T n-Dodecane (C12)	6.365	4132243	20.213 ug/ml
5) T A~2-methylnaphthalene...	6.990	3946425	20.213 ug/ml
6) T n-Tetradecane (C14)	8.154	3995688	19.945 ug/ml
7) T n-Hexadecane (C16)	9.747	3967768	19.822 ug/ml
8) T n-Octadecane (C18)	11.183	3933594	19.989 ug/ml
10) T n-Eicosane (C20)	12.487	3727059	19.881 ug/ml
11) T n-Heneicosane (C21)	13.095	3645971	19.990 ug/ml
13) T n-Docosane (C22)	13.679	3583099	19.859 ug/ml
14) T n-Tetracosane (C24)	14.776	3477973	19.306 ug/ml
15) T n-Hexacosane (C26)	15.791	3336250	19.260 ug/ml
16) T n-Octacosane (C28)	16.737	3251221	18.958 ug/ml
17) T n-Tricontane (C30)	17.620	3293116	18.803 ug/ml
18) T n-Dotriacontane (C32)	18.449	3280071	18.805 ug/ml
19) T n-Tetratriacontane (C34)	19.228	3195608	19.313 ug/ml
20) T n-Hexatriacontane (C36)	19.964	3139436	19.445 ug/mlm
21) T n-Octatriacontane (C38)	20.683	3064924	19.325 ug/mlm
22) T n-Tetracontane (C40)	21.554	2991468	18.781 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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