

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042524AL\
 Data File : FC066227.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 11:03
 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 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 03:58:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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)	11.561	2908523	21.063 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
12) S 1-chlorooctadecane (S...	13.000	2145862	21.869 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
Target Compounds			
1) T n-Nonane (C9)	3.318	2673394	20.766 ug/ml
2) T n-Decane (C10)	4.386	2745113	21.053 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2973236	20.731 ug/ml
4) T n-Dodecane (C12)	6.405	2747138	21.216 ug/ml
5) T A~2-methylnaphthalene...	7.025	2848230	20.684 ug/ml
6) T n-Tetradecane (C14)	8.202	2704021	21.483 ug/ml
7) T n-Hexadecane (C16)	9.803	2783451	21.853 ug/ml
8) T n-Octadecane (C18)	11.247	2804104	22.030 ug/ml
10) T n-Eicosane (C20)	12.557	2655996	22.040 ug/ml
11) T n-Heneicosane (C21)	13.169	2600752	21.980 ug/ml
13) T n-Docosane (C22)	13.755	2592248	22.082 ug/ml
14) T n-Tetracosane (C24)	14.859	2596331	22.253 ug/ml
15) T n-Hexacosane (C26)	15.880	2559609	22.265 ug/ml
16) T n-Octacosane (C28)	16.830	2552043	22.519 ug/ml
17) T n-Tricontane (C30)	17.718	2644078	22.824 ug/ml
18) T n-Dotriacontane (C32)	18.552	2606377	22.701 ug/ml
19) T n-Tetratriacontane (C34)	19.335	2418819	22.025 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2187230	21.190 ug/mlm
21) T n-Octatriacontane (C38)	20.811	1965752	20.165 ug/ml
22) T n-Tetracontane (C40)	21.720	1662354	18.371 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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