

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032824AL\
 Data File : FC066129.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2024 14:10
 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 03/29/2024
 Supervised By :Ankita Jodhani 03/29/2024

Integration File: autoint1.e
 Quant Time: Mar 29 02:22:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.470	3220335	16.478 ug/ml
Spiked Amount 50.000		Recovery =	32.96%
12) S 1-chlorooctadecane (S...	12.897	2391712	16.405 ug/ml
Spiked Amount 50.000		Recovery =	32.81%
Target Compounds			
1) T n-Nonane (C9)	3.277	2669781	15.980 ug/ml
2) T n-Decane (C10)	4.336	2794698	16.114 ug/ml
3) T A~Naphthalene (C11.7)	5.925	2948882	16.432 ug/ml
4) T n-Dodecane (C12)	6.344	2908375	16.504 ug/ml
5) T A~2-methylnaphthalene...	6.982	2651560	15.566 ug/ml
6) T n-Tetradecane (C14)	8.131	2768597	15.921 ug/ml
7) T n-Hexadecane (C16)	9.722	2891225	16.184 ug/ml
8) T n-Octadecane (C18)	11.155	2955581	16.261 ug/ml
10) T n-Eicosane (C20)	12.455	2845202	16.294 ug/ml
11) T n-Heneicosane (C21)	13.061	2851788	16.448 ug/ml
13) T n-Docosane (C22)	13.643	2945592	17.127 ug/ml
14) T n-Tetracosane (C24)	14.738	3031616	17.750 ug/ml
15) T n-Hexacosane (C26)	15.752	3072063	18.244 ug/ml
16) T n-Octacosane (C28)	16.694	3222934	19.385 ug/ml
17) T n-Tricontane (C30)	17.576	3484339	20.407 ug/ml
18) T n-Dotriacontane (C32)	18.401	3504512	20.789 ug/mlm
19) T n-Tetratriacontane (C34)	19.180	3231740	19.718 ug/ml
20) T n-Hexatriacontane (C36)	19.913	2971554	18.689 ug/mlm
21) T n-Octatriacontane (C38)	20.622	2817414	17.987 ug/ml
22) T n-Tetracontane (C40)	21.476	2718759	17.192 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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