

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052424AL\
 Data File : FC066478.D
 Signal(s) : FID1A.ch
 Acq On : 24 May 2024 21:28
 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 05/28/2024
 Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e
 Quant Time: May 25 02:13:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.563	2854405	17.264 ug/ml
Spiked Amount 50.000		Recovery =	34.53%
12) S 1-chlorooctadecane (S...	13.002	2161922	17.625 ug/ml
Spiked Amount 50.000		Recovery =	35.25%
Target Compounds			
1) T n-Nonane (C9)	3.313	2503790	16.578 ug/ml
2) T n-Decane (C10)	4.382	2670578	17.366 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2946180	17.341 ug/ml
4) T n-Dodecane (C12)	6.405	2691111	17.511 ug/ml
5) T A~2-methylnaphthalene...	7.027	2860977	17.359 ug/ml
6) T n-Tetradecane (C14)	8.202	2650330	17.513 ug/ml
7) T n-Hexadecane (C16)	9.804	2721708	17.800 ug/ml
8) T n-Octadecane (C18)	11.248	2714222	17.881 ug/ml
10) T n-Eicosane (C20)	12.558	2579242	17.930 ug/ml
11) T n-Heneicosane (C21)	13.170	2523175	17.950 ug/ml
13) T n-Docosane (C22)	13.757	2507660	17.911 ug/ml
14) T n-Tetracosane (C24)	14.861	2514906	17.864 ug/ml
15) T n-Hexacosane (C26)	15.881	2488829	18.195 ug/ml
16) T n-Octacosane (C28)	16.832	2559402	19.111 ug/ml
17) T n-Tricontane (C30)	17.720	2846013	21.119 ug/ml
18) T n-Dotriacontane (C32)	18.555	2921993	22.694 ug/ml
19) T n-Tetratriacontane (C34)	19.339	2760112	23.329 ug/ml
20) T n-Hexatriacontane (C36)	20.078	2577818	22.427 ug/mlm
21) T n-Octatriacontane (C38)	20.816	2465619	22.907 ug/mlm
22) T n-Tetracontane (C40)	21.727	2573910	24.003 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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