

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053124AL\
 Data File : FE048473.D
 Signal(s) : FID1B.ch
 Acq On : 31 May 2024 12:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2024
 Supervised By :Ankita Jodhani 06/03/2024

Integration File: autoint1.e
 Quant Time: Jun 01 02:34:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.950	2733133	19.033 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
12) S 1-chlorooctadecane (S...	13.384	2067739	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.338	2814588	18.826 ug/ml
2) T n-Decane (C10)	4.587	2867529	18.990 ug/ml
3) T A~Naphthalene (C11.7)	6.293	2834598	19.037 ug/ml
4) T n-Dodecane (C12)	6.752	2806821	18.962 ug/ml
5) T A~2-methylnaphthalene...	7.389	2648909	19.104 ug/ml
6) T n-Tetradecane (C14)	8.581	2686580	18.942 ug/ml
7) T n-Hexadecane (C16)	10.188	2683681	19.036 ug/ml
8) T n-Octadecane (C18)	11.630	2642781	19.028 ug/ml
10) T n-Eicosane (C20)	12.939	2517463	19.023 ug/ml
11) T n-Heneicosane (C21)	13.551	2460117	18.993 ug/ml
13) T n-Docosane (C22)	14.137	2440826	18.941 ug/ml
14) T n-Tetracosane (C24)	15.239	2463352	19.015 ug/ml
15) T n-Hexacosane (C26)	16.258	2474676	19.094 ug/ml
16) T n-Octacosane (C28)	17.206	2508855	19.410 ug/ml
17) T n-Tricontane (C30)	18.093	2680499	20.009 ug/ml
18) T n-Dotriacontane (C32)	18.925	2747008	20.237 ug/mlm
19) T n-Tetratriacontane (C34)	19.707	2748505	20.091 ug/mlm
20) T n-Hexatriacontane (C36)	20.448	2713283	19.960 ug/ml
21) T n-Octatriacontane (C38)	21.185	2688697	19.716 ug/ml
22) T n-Tetracontane (C40)	22.105	2643444	19.306 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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