

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091824AL\
 Data File : FE050181.D
 Signal(s) : FID1B.ch
 Acq On : 18 Sep 2024 19:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e
 Quant Time: Sep 19 01:28:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.874	2976517	20.006 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	13.309	2271813	20.225 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.261	2604798	19.217 ug/mlm
2) T n-Decane (C10)	4.513	2702483	19.582 ug/ml
3) T A~Naphthalene (C11.7)	6.222	2766043	19.762 ug/ml
4) T n-Dodecane (C12)	6.680	2732098	19.757 ug/ml
5) T A~2-methylnaphthalene...	7.318	2626451	19.982 ug/ml
6) T n-Tetradecane (C14)	8.507	2704306	19.860 ug/ml
7) T n-Hexadecane (C16)	10.113	2790386	20.089 ug/ml
8) T n-Octadecane (C18)	11.555	2809869	20.056 ug/ml
10) T n-Eicosane (C20)	12.863	2694695	20.088 ug/ml
11) T n-Heneicosane (C21)	13.475	2643569	20.119 ug/ml
13) T n-Docosane (C22)	14.060	2623982	20.151 ug/ml
14) T n-Tetracosane (C24)	15.162	2626807	20.115 ug/ml
15) T n-Hexacosane (C26)	16.182	2591229	20.254 ug/ml
16) T n-Octacosane (C28)	17.130	2651839	20.587 ug/ml
17) T n-Tricontane (C30)	18.017	2878992	21.530 ug/ml
18) T n-Dotriacontane (C32)	18.848	2907220	21.817 ug/ml
19) T n-Tetratriacontane (C34)	19.631	2678856	21.680 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2445835	22.044 ug/mlm
21) T n-Octatriacontane (C38)	21.097	2282060	20.693 ug/ml
22) T n-Tetracontane (C40)	21.990	2010539	18.477 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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