

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092424AL\
 Data File : FE050318.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2024 09:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :Ankita Jodhani 09/25/2024

Integration File: autoint1.e
 Quant Time: Sep 25 02:47:46 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)	11.867	2835561	19.059 ug/ml
Spiked Amount 50.000		Recovery =	38.12%
12) S 1-chlorooctadecane (S...	13.301	2150260	19.143 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.257	2494774	18.405 ug/ml
2) T n-Decane (C10)	4.507	2600537	18.843 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2643029	18.883 ug/ml
4) T n-Dodecane (C12)	6.674	2591082	18.737 ug/ml
5) T A~2-methylnaphthalene...	7.312	2479817	18.867 ug/ml
6) T n-Tetradecane (C14)	8.501	2587732	19.003 ug/ml
7) T n-Hexadecane (C16)	10.106	2652195	19.094 ug/ml
8) T n-Octadecane (C18)	11.547	2675598	19.098 ug/ml
10) T n-Eicosane (C20)	12.854	2563404	19.109 ug/mlm
11) T n-Heneicosane (C21)	13.467	2520280	19.181 ug/ml
13) T n-Docosane (C22)	14.051	2525329	19.393 ug/ml
14) T n-Tetracosane (C24)	15.152	2594724	19.869 ug/ml
15) T n-Hexacosane (C26)	16.172	2571928	20.103 ug/ml
16) T n-Octacosane (C28)	17.118	2702201	20.978 ug/ml
17) T n-Tricontane (C30)	18.006	2950586	22.065 ug/ml
18) T n-Dotriacontane (C32)	18.838	2993287	22.463 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2727982	22.078 ug/ml
20) T n-Hexatriacontane (C36)	20.359	2406558	21.690 ug/ml
21) T n-Octatriacontane (C38)	21.083	2244584	20.354 ug/mlm
22) T n-Tetracontane (C40)	21.970	2045142	18.795 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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