

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101024AL\
 Data File : FE050579.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2024 20:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :Ankita Jodhani 10/10/2024

Integration File: autoint1.e
 Quant Time: Oct 09 23:35:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.860	3194671	20.264 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
12) S 1-chlorooctadecane (S...	13.295	2420144	20.459 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
Target Compounds			
1) T n-Nonane (C9)	3.250	2822230	19.975 ug/ml
2) T n-Decane (C10)	4.500	2907329	20.264 ug/ml
3) T A~Naphthalene (C11.7)	6.211	2918862	20.413 ug/ml
4) T n-Dodecane (C12)	6.667	2926755	20.334 ug/ml
5) T A~2-methylnaphthalene...	7.306	2757380	20.814 ug/ml
6) T n-Tetradecane (C14)	8.494	2903603	20.295 ug/ml
7) T n-Hexadecane (C16)	10.100	2998986	20.378 ug/ml
8) T n-Octadecane (C18)	11.541	3035122	20.320 ug/ml
10) T n-Eicosane (C20)	12.848	2906928	20.271 ug/ml
11) T n-Heneicosane (C21)	13.460	2847256	20.275 ug/ml
13) T n-Docosane (C22)	14.045	2813336	20.053 ug/ml
14) T n-Tetracosane (C24)	15.146	2836750	20.079 ug/ml
15) T n-Hexacosane (C26)	16.165	2830707	20.116 ug/ml
16) T n-Octacosane (C28)	17.114	2932332	20.039 ug/ml
17) T n-Tricontane (C30)	18.000	3180738	20.004 ug/ml
18) T n-Dotriacontane (C32)	18.832	3237639	19.971 ug/ml
19) T n-Tetratriacontane (C34)	19.614	2937564	19.998 ug/ml
20) T n-Hexatriacontane (C36)	20.354	2566212	20.236 ug/ml
21) T n-Octatriacontane (C38)	21.078	2467242	19.954 ug/ml
22) T n-Tetracontane (C40)	21.964	2122590	19.062 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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