

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070924AL\
 Data File : FE049031.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2024 22:17
 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 07/10/2024
 Supervised By :Ankita Jodhani 07/10/2024

Integration File: autoint1.e
 Quant Time: Jul 10 01:28:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.924	2924876	17.492 ug/ml
Spiked Amount	50.000	Recovery =	34.98%
12) S 1-chlorooctadecane (S...	13.360	2233667	17.370 ug/ml
Spiked Amount	50.000	Recovery =	34.74%
Target Compounds			
1) T n-Nonane (C9)	3.312	2619427	17.423 ug/ml
2) T n-Decane (C10)	4.562	2865556	18.621 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2896465	18.245 ug/ml
4) T n-Dodecane (C12)	6.727	2854141	18.489 ug/ml
5) T A~2-methylnaphthalene...	7.364	2760131	18.226 ug/ml
6) T n-Tetradecane (C14)	8.555	2820123	18.400 ug/ml
7) T n-Hexadecane (C16)	10.162	2883294	18.440 ug/ml
8) T n-Octadecane (C18)	11.606	2873820	18.019 ug/ml
10) T n-Eicosane (C20)	12.915	2739738	17.672 ug/ml
11) T n-Heneicosane (C21)	13.526	2689084	17.661 ug/ml
13) T n-Docosane (C22)	14.112	2680835	17.726 ug/ml
14) T n-Tetracosane (C24)	15.215	2659669	17.698 ug/mlm
15) T n-Hexacosane (C26)	16.234	2726942	18.471 ug/ml
16) T n-Octacosane (C28)	17.183	2869766	19.899 ug/ml
17) T n-Tricontane (C30)	18.071	3335348	22.798 ug/ml
18) T n-Dotriacontane (C32)	18.902	3471587	24.280 ug/ml
19) T n-Tetratriacontane (C34)	19.684	3273867	23.660 ug/ml
20) T n-Hexatriacontane (C36)	20.424	3003932	23.113 ug/ml
21) T n-Octatriacontane (C38)	21.160	2926628	22.829 ug/ml
22) T n-Tetracontane (C40)	22.070	2901847	23.696 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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