

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061224AL\
 Data File : FE048689.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2024 00:39
 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 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 01:31:59 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)	11.938	2819752	19.637 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
12) S 1-chlorooctadecane (S...	13.372	2105519	19.327 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T n-Nonane (C9)	3.326	2706132	18.101 ug/ml
2) T n-Decane (C10)	4.576	2844044	18.834 ug/ml
3) T A~Naphthalene (C11.7)	6.281	2811432	18.882 ug/ml
4) T n-Dodecane (C12)	6.741	2819610	19.048 ug/ml
5) T A~2-methylnaphthalene...	7.376	2645645	19.081 ug/ml
6) T n-Tetradecane (C14)	8.569	2722565	19.196 ug/ml
7) T n-Hexadecane (C16)	10.176	2748586	19.496 ug/ml
8) T n-Octadecane (C18)	11.619	2728525	19.646 ug/ml
10) T n-Eicosane (C20)	12.927	2604738	19.683 ug/ml
11) T n-Heneicosane (C21)	13.538	2533056	19.556 ug/ml
13) T n-Docosane (C22)	14.124	2550472	19.792 ug/ml
14) T n-Tetracosane (C24)	15.226	2634927	20.339 ug/ml
15) T n-Hexacosane (C26)	16.246	2699491	20.828 ug/ml
16) T n-Octacosane (C28)	17.196	2839725	21.970 ug/ml
17) T n-Tricontane (C30)	18.082	3142369	23.457 ug/ml
18) T n-Dotriacontane (C32)	18.914	3242252	23.886 ug/ml
19) T n-Tetratriacontane (C34)	19.698	3073445	22.467 ug/ml
20) T n-Hexatriacontane (C36)	20.437	2870815	21.119 ug/ml
21) T n-Octatriacontane (C38)	21.172	2707406	19.853 ug/ml
22) T n-Tetracontane (C40)	22.087	2560278	18.699 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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