

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053024AL\
 Data File : FE048449.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2024 11:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/31/2024
 Supervised By :Ankita Jodhani 05/31/2024

Integration File: autoint1.e
 Quant Time: May 31 01:31:33 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)	11.955	2969546	20.680 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
12) S 1-chlorooctadecane (S...	13.389	2267983	20.818 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
Target Compounds			
1) T n-Nonane (C9)	3.340	3061366	20.477 ug/ml
2) T n-Decane (C10)	4.590	3115291	20.631 ug/ml
3) T A~Naphthalene (C11.7)	6.297	3073929	20.644 ug/ml
4) T n-Dodecane (C12)	6.755	3041381	20.546 ug/ml
5) T A~2-methylnaphthalene...	7.393	2879224	20.766 ug/ml
6) T n-Tetradecane (C14)	8.584	2912659	20.536 ug/ml
7) T n-Hexadecane (C16)	10.192	2907699	20.625 ug/ml
8) T n-Octadecane (C18)	11.634	2870997	20.672 ug/ml
10) T n-Eicosane (C20)	12.943	2736185	20.676 ug/ml
11) T n-Heneicosane (C21)	13.556	2677631	20.672 ug/ml
13) T n-Docosane (C22)	14.141	2669646	20.717 ug/ml
14) T n-Tetracosane (C24)	15.243	2687691	20.746 ug/ml
15) T n-Hexacosane (C26)	16.264	2698105	20.818 ug/ml
16) T n-Octacosane (C28)	17.213	2733418	21.148 ug/ml
17) T n-Tricontane (C30)	18.100	2909422	21.718 ug/ml
18) T n-Dotriacontane (C32)	18.932	2995924	22.071 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2978858	21.775 ug/mlm
20) T n-Hexatriacontane (C36)	20.455	2885805	21.229 ug/ml
21) T n-Octatriacontane (C38)	21.192	2939053	21.552 ug/ml
22) T n-Tetracontane (C40)	22.115	2869738	20.959 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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