

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044910.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 22:29
 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 10/18/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e
 Quant Time: Oct 18 01:26:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.902	3764907	18.781 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	13.344	2742351	18.531 ug/ml
Spiked Amount 50.000		Recovery =	37.06%
Target Compounds			
1) T n-Nonane (C9)	3.287	3138190	18.707 ug/ml
2) T n-Decane (C10)	4.539	3197609	18.771 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3488357	18.844 ug/ml
4) T n-Dodecane (C12)	6.704	3244153	18.794 ug/ml
5) T A~2-methylnaphthalene...	7.335	3385102	18.765 ug/ml
6) T n-Tetradecane (C14)	8.532	3220652	18.782 ug/ml
7) T n-Hexadecane (C16)	10.141	3284418	18.782 ug/ml
8) T n-Octadecane (C18)	11.588	3282597	18.821 ug/ml
10) T n-Eicosane (C20)	12.899	3140066	18.799 ug/ml
11) T n-Heneicosane (C21)	13.512	3046207	18.687 ug/ml
13) T n-Docosane (C22)	14.100	3041700	19.016 ug/ml
14) T n-Tetracosane (C24)	15.204	3033323	19.545 ug/ml
15) T n-Hexacosane (C26)	16.228	3012600	20.066 ug/ml
16) T n-Octacosane (C28)	17.178	3039283	20.697 ug/mlm
17) T n-Tricontane (C30)	18.068	3126681	21.023 ug/ml
18) T n-Dotriacontane (C32)	18.903	3156483	21.030 ug/ml
19) T n-Tetratriacontane (C34)	19.688	3059898	20.555 ug/ml
20) T n-Hexatriacontane (C36)	20.427	3030615	19.713 ug/mlm
21) T n-Octatriacontane (C38)	21.166	3080828	19.722 ug/mlm
22) T n-Tetracontane (C40)	22.083	3219927	19.267 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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