

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044884.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 07:54
 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 10/17/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e
 Quant Time: Oct 17 10:46:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.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)	11.908	3788999	18.901 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
12) S 1-chlorooctadecane (S...	13.350	2756447	18.626 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
Target Compounds			
1) T n-Nonane (C9)	3.289	3162883	18.854 ug/ml
2) T n-Decane (C10)	4.541	3224247	18.927 ug/ml
3) T A~Naphthalene (C11.7)	6.243	3504297	18.930 ug/ml
4) T n-Dodecane (C12)	6.707	3254615	18.854 ug/ml
5) T A~2-methylnaphthalene...	7.339	3390602	18.796 ug/ml
6) T n-Tetradecane (C14)	8.535	3228721	18.829 ug/ml
7) T n-Hexadecane (C16)	10.146	3291326	18.822 ug/ml
8) T n-Octadecane (C18)	11.592	3294198	18.887 ug/ml
10) T n-Eicosane (C20)	12.904	3162983	18.937 ug/ml
11) T n-Heneicosane (C21)	13.518	3065283	18.804 ug/ml
13) T n-Docosane (C22)	14.104	3064810	19.161 ug/ml
14) T n-Tetracosane (C24)	15.210	3061470	19.726 ug/ml
15) T n-Hexacosane (C26)	16.232	3039549	20.245 ug/ml
16) T n-Octacosane (C28)	17.184	3061219	20.847 ug/ml
17) T n-Tricontane (C30)	18.075	3133510	21.069 ug/ml
18) T n-Dotriacontane (C32)	18.908	3182360	21.202 ug/ml
19) T n-Tetratriacontane (C34)	19.694	3106624	20.869 ug/ml
20) T n-Hexatriacontane (C36)	20.436	3041524	19.783 ug/ml
21) T n-Octatriacontane (C38)	21.177	3229541	20.674 ug/ml
22) T n-Tetracontane (C40)	22.095	3239354	19.383 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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