

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103023AL\
 Data File : FE045085.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2023 09:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2023
 Supervised By :mohammad ahmed 10/31/2023

Integration File: autoint1.e
 Quant Time: Oct 30 10:56:13 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)	11.898	3497763	17.448 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
12) S 1-chlorooctadecane (S...	13.341	2462576	16.641 ug/ml
Spiked Amount 50.000		Recovery =	33.28%
Target Compounds			
1) T n-Nonane (C9)	3.281	3116355	18.577 ug/ml
2) T n-Decane (C10)	4.532	3155858	18.526 ug/ml
3) T A~Naphthalene (C11.7)	6.234	3326531	17.970 ug/ml
4) T n-Dodecane (C12)	6.699	3158279	18.296 ug/ml
5) T A~2-methylnaphthalene...	7.330	3172379	17.586 ug/ml
6) T n-Tetradecane (C14)	8.526	3080636	17.965 ug/ml
7) T n-Hexadecane (C16)	10.137	3072943	17.573 ug/ml
8) T n-Octadecane (C18)	11.584	3032084	17.384 ug/ml
10) T n-Eicosane (C20)	12.896	2866021	17.159 ug/ml
11) T n-Heneicosane (C21)	13.508	2793059	17.134 ug/ml
13) T n-Docosane (C22)	14.097	2738495	17.121 ug/ml
14) T n-Tetracosane (C24)	15.202	2666053	17.179 ug/ml
15) T n-Hexacosane (C26)	16.226	2604850	17.350 ug/ml
16) T n-Octacosane (C28)	17.178	2566560	17.478 ug/ml
17) T n-Tricontane (C30)	18.068	2603260	17.503 ug/ml
18) T n-Dotriacontane (C32)	18.903	2641554	17.599 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2613891	17.559 ug/mlm
20) T n-Hexatriacontane (C36)	20.433	2836812	18.452 ug/mlm
21) T n-Octatriacontane (C38)	21.176	3144624	20.131 ug/ml
22) T n-Tetracontane (C40)	22.095	2969943	17.771 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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