

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110123AL\
 Data File : FE045124.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2023 08:16
 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 11/01/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 01 08:54:37 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	3755894	18.736 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
12) S 1-chlorooctadecane (S...	13.341	2729417	18.444 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
Target Compounds			
1) T n-Nonane (C9)	3.279	3216983	19.177 ug/ml
2) T n-Decane (C10)	4.531	3346261	19.643 ug/ml
3) T A~Naphthalene (C11.7)	6.233	3553678	19.197 ug/ml
4) T n-Dodecane (C12)	6.697	3351285	19.414 ug/ml
5) T A~2-methylnaphthalene...	7.330	3405980	18.881 ug/ml
6) T n-Tetradecane (C14)	8.525	3291975	19.198 ug/ml
7) T n-Hexadecane (C16)	10.137	3312755	18.944 ug/ml
8) T n-Octadecane (C18)	11.584	3270243	18.750 ug/ml
10) T n-Eicosane (C20)	12.896	3105707	18.594 ug/ml
11) T n-Heneicosane (C21)	13.509	3026247	18.565 ug/ml
13) T n-Docosane (C22)	14.097	2981488	18.640 ug/ml
14) T n-Tetracosane (C24)	15.203	2940739	18.949 ug/ml
15) T n-Hexacosane (C26)	16.227	2894961	19.282 ug/ml
16) T n-Octacosane (C28)	17.180	2928593	19.944 ug/ml
17) T n-Tricontane (C30)	18.070	3115526	20.948 ug/ml
18) T n-Dotriacontane (C32)	18.905	3226396	21.496 ug/mlm
19) T n-Tetratriacontane (C34)	19.691	3167828	21.280 ug/mlm
20) T n-Hexatriacontane (C36)	20.434	3286608	21.378 ug/mlm
21) T n-Octatriacontane (C38)	21.178	3251458	20.815 ug/ml
22) T n-Tetracontane (C40)	22.100	3540377	21.184 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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