

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
 Data File : FE049053.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2024 04:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :Ankita Jodhani 07/11/2024

Integration File: autoint1.e
 Quant Time: Jul 11 05:20:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.931	2693312	16.107 ug/ml
Spiked Amount 50.000		Recovery =	32.21%
12) S 1-chlorooctadecane (S...	13.366	2071453	16.109 ug/ml
Spiked Amount 50.000		Recovery =	32.22%
Target Compounds			
1) T n-Nonane (C9)	3.314	2551632	16.972 ug/ml
2) T n-Decane (C10)	4.564	2663045	17.305 ug/ml
3) T A~Naphthalene (C11.7)	6.273	2690198	16.946 ug/ml
4) T n-Dodecane (C12)	6.731	2637540	17.085 ug/ml
5) T A~2-methylnaphthalene...	7.369	2550106	16.839 ug/ml
6) T n-Tetradecane (C14)	8.559	2602618	16.981 ug/ml
7) T n-Hexadecane (C16)	10.167	2654658	16.978 ug/ml
8) T n-Octadecane (C18)	11.611	2658015	16.666 ug/ml
10) T n-Eicosane (C20)	12.920	2547624	16.433 ug/ml
11) T n-Heneicosane (C21)	13.533	2499164	16.413 ug/ml
13) T n-Docosane (C22)	14.118	2485251	16.433 ug/ml
14) T n-Tetracosane (C24)	15.221	2480430	16.505 ug/mlm
15) T n-Hexacosane (C26)	16.241	2510340	17.004 ug/ml
16) T n-Octacosane (C28)	17.191	2571435	17.831 ug/ml
17) T n-Tricontane (C30)	18.077	2836669	19.390 ug/mlm
18) T n-Dotriacontane (C32)	18.909	2899657	20.280 ug/mlm
19) T n-Tetratriacontane (C34)	19.694	2812188	20.323 ug/ml
20) T n-Hexatriacontane (C36)	20.434	2663136	20.491 ug/ml
21) T n-Octatriacontane (C38)	21.171	2700286	21.064 ug/mlm
22) T n-Tetracontane (C40)	22.085	2786532	22.755 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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