

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061324AL\
 Data File : FE048695.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2024 13:06
 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 06/14/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 14 01:18:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.938	2823239	19.661 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	13.372	2084555	19.135 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.327	2573720	17.215 ug/ml
2) T n-Decane (C10)	4.576	2786642	18.454 ug/ml
3) T A~Naphthalene (C11.7)	6.281	2729848	18.334 ug/ml
4) T n-Dodecane (C12)	6.741	2791965	18.861 ug/ml
5) T A~2-methylnaphthalene...	7.376	2597960	18.737 ug/ml
6) T n-Tetradecane (C14)	8.568	2705191	19.073 ug/ml
7) T n-Hexadecane (C16)	10.176	2731547	19.376 ug/ml
8) T n-Octadecane (C18)	11.618	2711658	19.524 ug/ml
10) T n-Eicosane (C20)	12.927	2588186	19.558 ug/ml
11) T n-Heneicosane (C21)	13.539	2529657	19.530 ug/ml
13) T n-Docosane (C22)	14.124	2528807	19.624 ug/ml
14) T n-Tetracosane (C24)	15.226	2594559	20.028 ug/ml
15) T n-Hexacosane (C26)	16.246	2615173	20.178 ug/ml
16) T n-Octacosane (C28)	17.196	2743507	21.226 ug/ml
17) T n-Tricontane (C30)	18.083	3054445	22.801 ug/ml
18) T n-Dotriacontane (C32)	18.915	3210982	23.655 ug/ml
19) T n-Tetratriacontane (C34)	19.698	3091362	22.598 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2890901	21.267 ug/ml
21) T n-Octatriacontane (C38)	21.172	2709232	19.866 ug/ml
22) T n-Tetracontane (C40)	22.086	2539250	18.545 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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