

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072524AL\
 Data File : FE049261.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2024 20:28
 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 07/26/2024
 Supervised By :Ankita Jodhani 07/26/2024

Integration File: sample.E
 Quant Time: Jul 26 01:42:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.908	2814414	18.145 ug/ml
Spiked Amount 50.000		Recovery =	36.29%
12) S 1-chlorooctadecane (S...	13.344	2153353	18.431 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.296	2662383	17.703 ug/ml
2) T n-Decane (C10)	4.546	2779198	17.994 ug/ml
3) T A~Naphthalene (C11.7)	6.253	2765011	17.747 ug/ml
4) T n-Dodecane (C12)	6.713	2769236	17.984 ug/ml
5) T A~2-methylnaphthalene...	7.348	2602621	17.884 ug/mlm
6) T n-Tetradecane (C14)	8.540	2730506	17.991 ug/ml
7) T n-Hexadecane (C16)	10.147	2767560	18.249 ug/ml
8) T n-Octadecane (C18)	11.590	2770782	18.249 ug/ml
10) T n-Eicosane (C20)	12.899	2642747	18.275 ug/ml
11) T n-Heneicosane (C21)	13.511	2594455	18.296 ug/ml
13) T n-Docosane (C22)	14.096	2583807	18.391 ug/ml
14) T n-Tetracosane (C24)	15.198	2597636	18.534 ug/ml
15) T n-Hexacosane (C26)	16.218	2634601	18.789 ug/ml
16) T n-Octacosane (C28)	17.168	2740690	19.581 ug/ml
17) T n-Tricontane (C30)	18.055	3034996	20.806 ug/ml
18) T n-Dotriacontane (C32)	18.887	3190869	21.701 ug/ml
19) T n-Tetratriacontane (C34)	19.669	3149479	21.562 ug/mlm
20) T n-Hexatriacontane (C36)	20.409	3139083	21.775 ug/mlm
21) T n-Octatriacontane (C38)	21.141	3245749	21.683 ug/mlm
22) T n-Tetracontane (C40)	22.045	3126371	20.717 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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