

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071524AL\
 Data File : FE049125.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2024 15:04
 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 07/16/2024
 Supervised By :Ankita Jodhani 07/16/2024

Integration File: autoint1.e
 Quant Time: Jul 16 01:13:33 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)	11.923	2918463	17.454 ug/ml
Spiked Amount 50.000		Recovery =	34.91%
12) S 1-chlorooctadecane (S...	13.360	2223200	17.289 ug/ml
Spiked Amount 50.000		Recovery =	34.58%
Target Compounds			
1) T n-Nonane (C9)	3.307	2878677	19.147 ug/ml
2) T n-Decane (C10)	4.558	2918297	18.963 ug/ml
3) T A~Naphthalene (C11.7)	6.266	2966895	18.689 ug/ml
4) T n-Dodecane (C12)	6.725	2899579	18.783 ug/ml
5) T A~2-methylnaphthalene...	7.363	2793656	18.448 ug/ml
6) T n-Tetradecane (C14)	8.553	2852225	18.610 ug/ml
7) T n-Hexadecane (C16)	10.161	2869887	18.355 ug/ml
8) T n-Octadecane (C18)	11.604	2866309	17.972 ug/ml
10) T n-Eicosane (C20)	12.914	2731111	17.616 ug/ml
11) T n-Heneicosane (C21)	13.526	2677206	17.583 ug/ml
13) T n-Docosane (C22)	14.112	2659016	17.582 ug/ml
14) T n-Tetracosane (C24)	15.214	2655760	17.672 ug/ml
15) T n-Hexacosane (C26)	16.236	2638568	17.873 ug/ml
16) T n-Octacosane (C28)	17.184	2614375	18.128 ug/ml
17) T n-Tricontane (C30)	18.073	2702200	18.470 ug/ml
18) T n-Dotriacontane (C32)	18.903	2684176	18.773 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2722939	19.678 ug/mlm
20) T n-Hexatriacontane (C36)	20.427	2705797	20.819 ug/ml
21) T n-Octatriacontane (C38)	21.161	2917376	22.757 ug/ml
22) T n-Tetracontane (C40)	22.075	2979063	24.327 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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