

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062724AL\
 Data File : FE048909.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2024 10:23
 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 06/28/2024
 Supervised By :Ankita Jodhani 06/28/2024

Integration File: autoint1.e
 Quant Time: Jun 28 01:25:54 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)	11.938	3096522	18.519 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
12) S 1-chlorooctadecane (S...	13.373	2340521	18.201 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
Target Compounds			
1) T n-Nonane (C9)	3.324	3116594	20.730 ug/ml
2) T n-Decane (C10)	4.573	3046696	19.798 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3104803	19.557 ug/ml
4) T n-Dodecane (C12)	6.739	3022176	19.577 ug/ml
5) T A~2-methylnaphthalene...	7.378	2943944	19.440 ug/ml
6) T n-Tetradecane (C14)	8.568	3046691	19.879 ug/ml
7) T n-Hexadecane (C16)	10.175	3196590	20.444 ug/ml
8) T n-Octadecane (C18)	11.618	3031706	19.009 ug/ml
10) T n-Eicosane (C20)	12.928	2874781	18.543 ug/ml
11) T n-Heneicosane (C21)	13.540	2807094	18.436 ug/ml
13) T n-Docosane (C22)	14.127	2861491	18.921 ug/ml
14) T n-Tetracosane (C24)	15.229	2756311	18.341 ug/ml
15) T n-Hexacosane (C26)	16.249	2798560	18.956 ug/ml
16) T n-Octacosane (C28)	17.199	2701992	18.736 ug/ml
17) T n-Tricontane (C30)	18.087	2834718	19.376 ug/ml
18) T n-Dotriacontane (C32)	18.918	2943096	20.584 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2775244	20.056 ug/mlm
20) T n-Hexatriacontane (C36)	20.440	2764938	21.274 ug/ml
21) T n-Octatriacontane (C38)	21.179	2658352	20.737 ug/ml
22) T n-Tetracontane (C40)	22.095	2825179	23.070 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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