

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071124AL\
 Data File : FE049063.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2024 10:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2024
 Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e
 Quant Time: Jul 12 01:26:56 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)	11.924	2797817	16.732 ug/ml
Spiked Amount 50.000		Recovery =	33.46%
12) S 1-chlorooctadecane (S...	13.360	2128308	16.551 ug/ml
Spiked Amount 50.000		Recovery =	33.10%
Target Compounds			
1) T n-Nonane (C9)	3.312	2672486	17.776 ug/ml
2) T n-Decane (C10)	4.561	2787134	18.111 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2813532	17.723 ug/ml
4) T n-Dodecane (C12)	6.727	2783390	18.030 ug/ml
5) T A~2-methylnaphthalene...	7.364	2681917	17.710 ug/ml
6) T n-Tetradecane (C14)	8.555	2745179	17.911 ug/ml
7) T n-Hexadecane (C16)	10.162	2770902	17.722 ug/ml
8) T n-Octadecane (C18)	11.605	2760376	17.308 ug/ml
10) T n-Eicosane (C20)	12.914	2620387	16.902 ug/ml
11) T n-Heneicosane (C21)	13.525	2570472	16.882 ug/ml
13) T n-Docosane (C22)	14.112	2544977	16.828 ug/ml
14) T n-Tetracosane (C24)	15.215	2566963	17.081 ug/ml
15) T n-Hexacosane (C26)	16.234	2551208	17.281 ug/ml
16) T n-Octacosane (C28)	17.183	2561974	17.765 ug/ml
17) T n-Tricontane (C30)	18.071	2728970	18.653 ug/ml
18) T n-Dotriacontane (C32)	18.902	2747750	19.218 ug/ml
19) T n-Tetratriacontane (C34)	19.686	2722455	19.675 ug/mlm
20) T n-Hexatriacontane (C36)	20.425	2664745	20.503 ug/ml
21) T n-Octatriacontane (C38)	21.161	2685218	20.946 ug/ml
22) T n-Tetracontane (C40)	22.073	2772346	22.639 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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