

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049128.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2024 12:36
 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 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 01:37:09 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)	11.921	2768978	16.560 ug/ml
Spiked Amount 50.000		Recovery =	33.12%
12) S 1-chlorooctadecane (S...	13.356	2112553	16.429 ug/ml
Spiked Amount 50.000		Recovery =	32.86%
Target Compounds			
1) T n-Nonane (C9)	3.305	2550144	16.962 ug/ml
2) T n-Decane (C10)	4.556	2716389	17.651 ug/ml
3) T A~Naphthalene (C11.7)	6.264	2732618	17.213 ug/ml
4) T n-Dodecane (C12)	6.723	2725166	17.653 ug/ml
5) T A~2-methylnaphthalene...	7.360	2624848	17.333 ug/ml
6) T n-Tetradecane (C14)	8.551	2676177	17.461 ug/ml
7) T n-Hexadecane (C16)	10.159	2707729	17.318 ug/ml
8) T n-Octadecane (C18)	11.601	2718255	17.044 ug/ml
10) T n-Eicosane (C20)	12.911	2591658	16.717 ug/ml
11) T n-Heneicosane (C21)	13.523	2540587	16.685 ug/ml
13) T n-Docosane (C22)	14.109	2535191	16.763 ug/ml
14) T n-Tetracosane (C24)	15.211	2550398	16.971 ug/ml
15) T n-Hexacosane (C26)	16.232	2544763	17.237 ug/ml
16) T n-Octacosane (C28)	17.182	2589377	17.955 ug/ml
17) T n-Tricontane (C30)	18.069	2822697	19.294 ug/mlm
18) T n-Dotriacontane (C32)	18.901	2942417	20.579 ug/mlm
19) T n-Tetratriacontane (C34)	19.684	2892285	20.902 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2795954	21.513 ug/mlm
21) T n-Octatriacontane (C38)	21.159	2784416	21.720 ug/ml
22) T n-Tetracontane (C40)	22.069	2943910	24.040 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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