

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049838.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2024 07:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/03/2024
 Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e
 Quant Time: Aug 31 04:12:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.878	2728813	16.875 ug/ml
Spiked Amount 50.000		Recovery =	33.75%
12) S 1-chlorooctadecane (S...	13.314	2071849	16.981 ug/ml
Spiked Amount 50.000		Recovery =	33.96%
Target Compounds			
1) T n-Nonane (C9)	3.270	2560336	16.545 ug/ml
2) T n-Decane (C10)	4.520	2607072	16.512 ug/mlm
3) T A~Naphthalene (C11.7)	6.228	2670571	16.644 ug/ml
4) T n-Dodecane (C12)	6.687	2623252	16.686 ug/ml
5) T A~2-methylnaphthalene...	7.323	2503648	16.718 ug/ml
6) T n-Tetradecane (C14)	8.513	2562685	16.600 ug/ml
7) T n-Hexadecane (C16)	10.119	2626390	16.816 ug/ml
8) T n-Octadecane (C18)	11.560	2656964	16.918 ug/ml
10) T n-Eicosane (C20)	12.868	2537067	16.992 ug/ml
11) T n-Heneicosane (C21)	13.480	2487622	16.958 ug/ml
13) T n-Docosane (C22)	14.065	2460012	16.878 ug/ml
14) T n-Tetracosane (C24)	15.167	2560401	17.601 ug/ml
15) T n-Hexacosane (C26)	16.186	2548989	17.661 ug/ml
16) T n-Octacosane (C28)	17.135	2633991	18.287 ug/ml
17) T n-Tricontane (C30)	18.020	2833710	18.929 ug/ml
18) T n-Dotriacontane (C32)	18.852	2905990	19.209 ug/ml
19) T n-Tetratriacontane (C34)	19.634	2848615	18.633 ug/ml
20) T n-Hexatriacontane (C36)	20.373	2692000	17.728 ug/ml
21) T n-Octatriacontane (C38)	21.100	2615293	16.663 ug/ml
22) T n-Tetracontane (C40)	21.990	2543919	16.662 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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