

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083024AL\
 Data File : FE049834.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2024 23:58
 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 09/03/2024
 Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e
 Quant Time: Aug 31 01:31:46 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)	11.879	3000308	18.553 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
12) S 1-chlorooctadecane (S...	13.314	2300159	18.853 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.270	2575346	16.642 ug/ml
2) T n-Decane (C10)	4.520	2788264	17.659 ug/mlm
3) T A~Naphthalene (C11.7)	6.228	2841705	17.710 ug/ml
4) T n-Dodecane (C12)	6.687	2853930	18.154 ug/ml
5) T A~2-methylnaphthalene...	7.323	2730901	18.236 ug/ml
6) T n-Tetradecane (C14)	8.514	2812476	18.218 ug/ml
7) T n-Hexadecane (C16)	10.120	2901658	18.579 ug/ml
8) T n-Octadecane (C18)	11.561	2927645	18.641 ug/ml
10) T n-Eicosane (C20)	12.868	2797228	18.735 ug/ml
11) T n-Heneicosane (C21)	13.481	2751922	18.759 ug/ml
13) T n-Docosane (C22)	14.066	2718607	18.652 ug/ml
14) T n-Tetracosane (C24)	15.167	2755957	18.946 ug/ml
15) T n-Hexacosane (C26)	16.186	2723336	18.869 ug/ml
16) T n-Octacosane (C28)	17.135	2858584	19.846 ug/ml
17) T n-Tricontane (C30)	18.021	3224264	21.538 ug/ml
18) T n-Dotriacontane (C32)	18.853	3401283	22.483 ug/ml
19) T n-Tetratriacontane (C34)	19.636	3356795	21.957 ug/ml
20) T n-Hexatriacontane (C36)	20.375	3225249	21.239 ug/ml
21) T n-Octatriacontane (C38)	21.101	3017943	19.228 ug/ml
22) T n-Tetracontane (C40)	21.993	2834291	18.564 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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