

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081624AL\
 Data File : FE049642.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2024 13:49
 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 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File: autoint1.e
 Quant Time: Aug 16 23:41:23 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)	11.889	3075230	19.017 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	13.325	2346429	19.232 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.278	2786721	18.007 ug/ml
2) T n-Decane (C10)	4.528	2947244	18.666 ug/ml
3) T A~Naphthalene (C11.7)	6.236	3019229	18.817 ug/ml
4) T n-Dodecane (C12)	6.696	2974315	18.919 ug/ml
5) T A~2-methylnaphthalene...	7.332	2859392	19.094 ug/ml
6) T n-Tetradecane (C14)	8.523	2921167	18.922 ug/ml
7) T n-Hexadecane (C16)	10.129	2978369	19.070 ug/ml
8) T n-Octadecane (C18)	11.572	2984806	19.005 ug/ml
10) T n-Eicosane (C20)	12.880	2846497	19.065 ug/ml
11) T n-Heneicosane (C21)	13.491	2806321	19.130 ug/ml
13) T n-Docosane (C22)	14.077	2774429	19.035 ug/ml
14) T n-Tetracosane (C24)	15.179	2775450	19.080 ug/ml
15) T n-Hexacosane (C26)	16.199	2749355	19.050 ug/ml
16) T n-Octacosane (C28)	17.146	2807860	19.494 ug/mlm
17) T n-Tricontane (C30)	18.034	3014002	20.133 ug/ml
18) T n-Dotriacontane (C32)	18.867	3120755	20.629 ug/ml
19) T n-Tetratriacontane (C34)	19.650	3121255	20.416 ug/ml
20) T n-Hexatriacontane (C36)	20.389	3069555	20.214 ug/ml
21) T n-Octatriacontane (C38)	21.118	3006064	19.153 ug/ml
22) T n-Tetracontane (C40)	22.016	2943557	19.279 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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