

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080924AL\
 Data File : FE049548.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2024 22:38
 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 08/12/2024
 Supervised By :Ankita Jodhani 08/12/2024

Integration File: autoint1.e
 Quant Time: Aug 10 01:23:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.888	3121522	20.125 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	13.324	2377824	20.352 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.279	2876340	19.126 ug/ml
2) T n-Decane (C10)	4.529	2986770	19.338 ug/ml
3) T A~Naphthalene (C11.7)	6.235	3050307	19.578 ug/ml
4) T n-Dodecane (C12)	6.696	2999909	19.483 ug/ml
5) T A~2-methylnaphthalene...	7.331	2886673	19.836 ug/ml
6) T n-Tetradecane (C14)	8.523	2954537	19.467 ug/ml
7) T n-Hexadecane (C16)	10.129	3011479	19.857 ug/ml
8) T n-Octadecane (C18)	11.571	3029494	19.953 ug/ml
10) T n-Eicosane (C20)	12.879	2881266	19.925 ug/ml
11) T n-Heneicosane (C21)	13.490	2834940	19.991 ug/ml
13) T n-Docosane (C22)	14.076	2815313	20.039 ug/ml
14) T n-Tetracosane (C24)	15.178	2814050	20.079 ug/ml
15) T n-Hexacosane (C26)	16.198	2803302	19.992 ug/ml
16) T n-Octacosane (C28)	17.145	2825111	20.184 ug/ml
17) T n-Tricontane (C30)	18.032	2995037	20.532 ug/ml
18) T n-Dotriacontane (C32)	18.863	3044789	20.708 ug/ml
19) T n-Tetratriacontane (C34)	19.646	3047475	20.863 ug/ml
20) T n-Hexatriacontane (C36)	20.385	2995911	20.782 ug/ml
21) T n-Octatriacontane (C38)	21.113	3006901	20.087 ug/ml
22) T n-Tetracontane (C40)	22.007	2963410	19.638 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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