

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123024AL\
 Data File : FE051819.D
 Signal(s) : FID1B.ch
 Acq On : 30 Dec 2024 21:23
 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 12/31/2024
 Supervised By :Ankita Jodhani 12/31/2024

Integration File: autoint1.e
 Quant Time: Dec 31 08:57:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 08:56:57 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)	12.100	2907911	19.199 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	13.529	2241176	19.265 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.505	2198168	18.952 ug/ml
2) T n-Decane (C10)	4.747	2293129	19.057 ug/ml
3) T A~Naphthalene (C11.7)	6.451	2656927	19.115 ug/ml
4) T n-Dodecane (C12)	6.901	2397409	19.082 ug/ml
5) T A~2-methylnaphthalene...	7.542	2616485	19.115 ug/ml
6) T n-Tetradecane (C14)	8.726	2460365	19.133 ug/ml
7) T n-Hexadecane (C16)	10.331	2610597	19.184 ug/ml
8) T n-Octadecane (C18)	11.774	2688680	19.202 ug/ml
10) T n-Eicosane (C20)	13.083	2608754	19.275 ug/ml
11) T n-Heneicosane (C21)	13.695	2559556	19.215 ug/ml
13) T n-Docosane (C22)	14.281	2566768	19.445 ug/ml
14) T n-Tetracosane (C24)	15.382	2583593	19.911 ug/ml
15) T n-Hexacosane (C26)	16.402	2544346	20.259 ug/ml
16) T n-Octacosane (C28)	17.352	2471810	20.475 ug/ml
17) T n-Tricontane (C30)	18.238	2488730	20.679 ug/ml
18) T n-Dotriacontane (C32)	19.071	2362052	20.639 ug/ml
19) T n-Tetratriacontane (C34)	19.855	2038854	20.215 ug/ml
20) T n-Hexatriacontane (C36)	20.593	1820275	20.423 ug/mlm
21) T n-Octatriacontane (C38)	21.373	1989832	23.176 ug/ml
22) T n-Tetracontane (C40)	22.362	1771892	20.090 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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