

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081624AL\
 Data File : FE049653.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2024 20:27
 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 23:42:51 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)	11.888	3094190	19.134 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
12) S 1-chlorooctadecane (S...	13.324	2360543	19.348 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T n-Nonane (C9)	3.277	2801256	18.101 ug/ml
2) T n-Decane (C10)	4.527	2960249	18.749 ug/ml
3) T A~Naphthalene (C11.7)	6.235	3032526	18.900 ug/ml
4) T n-Dodecane (C12)	6.694	2989073	19.013 ug/ml
5) T A~2-methylnaphthalene...	7.331	2897675	19.350 ug/ml
6) T n-Tetradecane (C14)	8.522	2941963	19.057 ug/ml
7) T n-Hexadecane (C16)	10.128	3003760	19.233 ug/ml
8) T n-Octadecane (C18)	11.570	3011186	19.173 ug/ml
10) T n-Eicosane (C20)	12.878	2874614	19.253 ug/ml
11) T n-Heneicosane (C21)	13.490	2821843	19.236 ug/ml
13) T n-Docosane (C22)	14.075	2800219	19.212 ug/ml
14) T n-Tetracosane (C24)	15.177	2815494	19.355 ug/ml
15) T n-Hexacosane (C26)	16.198	2785549	19.301 ug/ml
16) T n-Octacosane (C28)	17.146	2840040	19.717 ug/mlm
17) T n-Tricontane (C30)	18.034	3097132	20.688 ug/ml
18) T n-Dotriacontane (C32)	18.866	3201908	21.165 ug/ml
19) T n-Tetratriacontane (C34)	19.649	3184265	20.828 ug/ml
20) T n-Hexatriacontane (C36)	20.388	3110275	20.482 ug/ml
21) T n-Octatriacontane (C38)	21.116	3083169	19.644 ug/ml
22) T n-Tetracontane (C40)	22.011	2885634	18.900 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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