

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100924AL\
 Data File : FE050560.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2024 22:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :Ankita Jodhani 10/09/2024

Integration File: autoint1.e
 Quant Time: Oct 09 02:11:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.862	3350251	21.250 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
12) S 1-chlorooctadecane (S...	13.296	2526287	21.356 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T n-Nonane (C9)	3.252	3003247	21.256 ug/ml
2) T n-Decane (C10)	4.501	3088965	21.530 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3107382	21.731 ug/ml
4) T n-Dodecane (C12)	6.668	3092592	21.486 ug/ml
5) T A~2-methylnaphthalene...	7.307	2895559	21.857 ug/ml
6) T n-Tetradecane (C14)	8.495	3068596	21.449 ug/ml
7) T n-Hexadecane (C16)	10.101	3156160	21.446 ug/ml
8) T n-Octadecane (C18)	11.543	3195233	21.391 ug/ml
10) T n-Eicosane (C20)	12.850	3042493	21.217 ug/ml
11) T n-Heneicosane (C21)	13.461	2972147	21.164 ug/ml
13) T n-Docosane (C22)	14.046	2955848	21.069 ug/ml
14) T n-Tetracosane (C24)	15.148	2945769	20.851 ug/ml
15) T n-Hexacosane (C26)	16.167	2942286	20.909 ug/ml
16) T n-Octacosane (C28)	17.116	3021704	20.650 ug/ml
17) T n-Tricontane (C30)	18.002	3259426	20.499 ug/ml
18) T n-Dotriacontane (C32)	18.834	3278287	20.222 ug/ml
19) T n-Tetratriacontane (C34)	19.616	3003033	20.444 ug/ml
20) T n-Hexatriacontane (C36)	20.355	2633848	20.769 ug/ml
21) T n-Octatriacontane (C38)	21.080	2520107	20.381 ug/ml
22) T n-Tetracontane (C40)	21.966	2277003	20.449 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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