

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100424AL\
 Data File : FE050506.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2024 08:03
 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 10/07/2024
 Supervised By :Ankita Jodhani 10/07/2024

Integration File: autoint1.e
 Quant Time: Oct 05 00:25:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.861	3206268	21.550 ug/ml
Spiked Amount 50.000		Recovery =	43.10%
12) S 1-chlorooctadecane (S...	13.294	2406672	21.426 ug/ml
Spiked Amount 50.000		Recovery =	42.85%
Target Compounds			
1) T n-Nonane (C9)	3.253	2899186	21.389 ug/ml
2) T n-Decane (C10)	4.502	2971967	21.534 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2998620	21.423 ug/ml
4) T n-Dodecane (C12)	6.669	2983995	21.579 ug/ml
5) T A~2-methylnaphthalene...	7.307	2789581	21.223 ug/ml
6) T n-Tetradecane (C14)	8.495	2902271	21.313 ug/ml
7) T n-Hexadecane (C16)	10.100	3012266	21.686 ug/ml
8) T n-Octadecane (C18)	11.541	3032982	21.648 ug/ml
10) T n-Eicosane (C20)	12.848	2894613	21.578 ug/mlm
11) T n-Heneicosane (C21)	13.459	2837025	21.591 ug/ml
13) T n-Docosane (C22)	14.044	2809213	21.573 ug/ml
14) T n-Tetracosane (C24)	15.146	2802860	21.463 ug/ml
15) T n-Hexacosane (C26)	16.165	2764147	21.605 ug/ml
16) T n-Octacosane (C28)	17.113	2821004	21.901 ug/ml
17) T n-Tricontane (C30)	18.000	2974312	22.243 ug/ml
18) T n-Dotriacontane (C32)	18.831	2991322	22.448 ug/ml
19) T n-Tetratriacontane (C34)	19.613	2754418	22.292 ug/mlm
20) T n-Hexatriacontane (C36)	20.352	2426565	21.871 ug/mlm
21) T n-Octatriacontane (C38)	21.074	2296496	20.824 ug/ml
22) T n-Tetracontane (C40)	21.959	2067617	19.001 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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