

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045102.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 12:18
 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 11/01/2023
 Supervised By :mohammad ahmed 11/01/2023

Integration File: autoint1.e
 Quant Time: Oct 31 23:52:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.894	4175944	20.831 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
12) S 1-chlorooctadecane (S...	13.337	2931037	19.806 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T n-Nonane (C9)	3.278	3556468	21.201 ug/ml
2) T n-Decane (C10)	4.530	3701271	21.727 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3928309	21.221 ug/ml
4) T n-Dodecane (C12)	6.696	3720304	21.552 ug/ml
5) T A~2-methylnaphthalene...	7.326	3743585	20.753 ug/ml
6) T n-Tetradecane (C14)	8.522	3651228	21.293 ug/ml
7) T n-Hexadecane (C16)	10.133	3684869	21.072 ug/ml
8) T n-Octadecane (C18)	11.580	3643842	20.892 ug/ml
10) T n-Eicosane (C20)	12.892	3438186	20.584 ug/ml
11) T n-Heneicosane (C21)	13.504	3341777	20.500 ug/ml
13) T n-Docosane (C22)	14.093	3282425	20.521 ug/ml
14) T n-Tetracosane (C24)	15.198	3209184	20.678 ug/ml
15) T n-Hexacosane (C26)	16.222	3145457	20.951 ug/ml
16) T n-Octacosane (C28)	17.175	3174036	21.615 ug/ml
17) T n-Tricontane (C30)	18.063	3364853	22.624 ug/ml
18) T n-Dotriacontane (C32)	18.898	3473207	23.140 ug/ml
19) T n-Tetratriacontane (C34)	19.686	3410919	22.913 ug/ml
20) T n-Hexatriacontane (C36)	20.427	3523671	22.920 ug/ml
21) T n-Octatriacontane (C38)	21.166	3444987	22.054 ug/mlm
22) T n-Tetracontane (C40)	22.085	3399941	20.344 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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