

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121223AL\
 Data File : FE045768.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2023 06:35
 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 12/13/2023
 Supervised By :Ankita Jodhani 12/13/2023

Integration File: autoint1.e
 Quant Time: Dec 12 22:36:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.851	3924602	18.768 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
12) S 1-chlorooctadecane (S...	13.295	2910166	18.495 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
Target Compounds			
1) T n-Nonane (C9)	3.238	3221299	20.314 ug/mlm
2) T n-Decane (C10)	4.489	3310274	20.672 ug/ml
3) T A~Naphthalene (C11.7)	6.190	3587963	20.597 ug/ml
4) T n-Dodecane (C12)	6.656	3339736	20.676 ug/ml
5) T A~2-methylnaphthalene...	7.287	3473936	20.457 ug/ml
6) T n-Tetradecane (C14)	8.483	3319619	20.693 ug/ml
7) T n-Hexadecane (C16)	10.093	3375763	20.386 ug/ml
8) T n-Octadecane (C18)	11.538	3375490	19.688 ug/ml
10) T n-Eicosane (C20)	12.849	3252367	18.797 ug/ml
11) T n-Heneicosane (C21)	13.462	3176000	18.462 ug/ml
13) T n-Docosane (C22)	14.049	3156497	18.307 ug/ml
14) T n-Tetracosane (C24)	15.155	3133001	17.946 ug/ml
15) T n-Hexacosane (C26)	16.178	3066731	17.609 ug/ml
16) T n-Octacosane (C28)	17.130	3071143	17.769 ug/ml
17) T n-Tricontane (C30)	18.020	3172248	18.133 ug/ml
18) T n-Dotriacontane (C32)	18.855	3182494	17.444 ug/ml
19) T n-Tetratriacontane (C34)	19.642	3013274	18.160 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2903727	18.293 ug/ml
21) T n-Octatriacontane (C38)	21.118	2915506	18.592 ug/ml
22) T n-Tetracontane (C40)	22.022	3214868	22.622 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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