

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121323AL\
 Data File : FE045805.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2023 13:38
 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 12/14/2023
 Supervised By :Ankita Jodhani 12/14/2023

Integration File: autoint1.e
 Quant Time: Dec 13 21:16:59 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)	11.842	3858566	18.452 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	13.284	2851956	18.125 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
Target Compounds			
1) T n-Nonane (C9)	3.233	3177157	20.036 ug/ml
2) T n-Decane (C10)	4.484	3252982	20.314 ug/ml
3) T A~Naphthalene (C11.7)	6.183	3516659	20.188 ug/ml
4) T n-Dodecane (C12)	6.650	3277434	20.290 ug/ml
5) T A~2-methylnaphthalene...	7.279	3406344	20.059 ug/ml
6) T n-Tetradecane (C14)	8.477	3254208	20.285 ug/ml
7) T n-Hexadecane (C16)	10.086	3311637	19.999 ug/ml
8) T n-Octadecane (C18)	11.530	3310866	19.311 ug/ml
10) T n-Eicosane (C20)	12.840	3195392	18.468 ug/ml
11) T n-Heneicosane (C21)	13.452	3121316	18.144 ug/ml
13) T n-Docosane (C22)	14.039	3106055	18.014 ug/ml
14) T n-Tetracosane (C24)	15.144	3111893	17.825 ug/ml
15) T n-Hexacosane (C26)	16.167	3057496	17.556 ug/ml
16) T n-Octacosane (C28)	17.119	3112848	18.011 ug/ml
17) T n-Tricontane (C30)	18.007	3245419	18.551 ug/ml
18) T n-Dotriacontane (C32)	18.842	3274616	17.949 ug/ml
19) T n-Tetratriacontane (C34)	19.628	3106711	18.723 ug/mlm
20) T n-Hexatriacontane (C36)	20.369	2994124	18.862 ug/mlm
21) T n-Octatriacontane (C38)	21.101	2944433	18.776 ug/mlm
22) T n-Tetracontane (C40)	21.999	3170497	22.309 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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