

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111423AL\
 Data File : FE045333.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2023 08:44
 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 11/15/2023
 Supervised By :Ankita Jodhani 11/15/2023

Integration File: autoint1.e
 Quant Time: Nov 14 21:44:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.877	3949371	20.685 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
12) S 1-chlorooctadecane (S...	13.319	2835196	20.584 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
Target Compounds			
1) T n-Nonane (C9)	3.265	3363822	20.362 ug/ml
2) T n-Decane (C10)	4.516	3498404	20.864 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3690608	20.676 ug/ml
4) T n-Dodecane (C12)	6.682	3541968	20.973 ug/ml
5) T A~2-methylnaphthalene...	7.311	3537895	20.603 ug/ml
6) T n-Tetradecane (C14)	8.509	3482041	20.892 ug/ml
7) T n-Hexadecane (C16)	10.118	3505796	20.843 ug/ml
8) T n-Octadecane (C18)	11.564	3454490	20.640 ug/ml
10) T n-Eicosane (C20)	12.876	3262390	20.595 ug/ml
11) T n-Heneicosane (C21)	13.488	3166037	20.591 ug/ml
13) T n-Docosane (C22)	14.075	3120437	20.595 ug/ml
14) T n-Tetracosane (C24)	15.180	3077939	20.781 ug/ml
15) T n-Hexacosane (C26)	16.203	3044437	20.887 ug/ml
16) T n-Octacosane (C28)	17.153	3112384	21.299 ug/ml
17) T n-Tricontane (C30)	18.043	3338939	21.981 ug/ml
18) T n-Dotriacontane (C32)	18.877	3512455	22.484 ug/ml
19) T n-Tetratriacontane (C34)	19.662	3457882	22.146 ug/ml
20) T n-Hexatriacontane (C36)	20.405	3463544	21.338 ug/mlm
21) T n-Octatriacontane (C38)	21.142	3595176	21.639 ug/ml
22) T n-Tetracontane (C40)	22.050	3330210	19.497 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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