

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110623AL\
 Data File : FE045224.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2023 21:15
 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 11/07/2023
 Supervised By :Ankita Jodhani 11/07/2023

Integration File: autoint1.e
 Quant Time: Nov 06 23:12:10 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)	11.885	3845950	20.143 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	13.327	2762708	20.058 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.271	3477522	21.050 ug/ml
2) T n-Decane (C10)	4.522	3498847	20.866 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3681576	20.625 ug/ml
4) T n-Dodecane (C12)	6.688	3482841	20.623 ug/ml
5) T A~2-methylnaphthalene...	7.319	3522694	20.514 ug/ml
6) T n-Tetradecane (C14)	8.515	3380357	20.282 ug/ml
7) T n-Hexadecane (C16)	10.125	3382488	20.110 ug/ml
8) T n-Octadecane (C18)	11.571	3335025	19.926 ug/ml
10) T n-Eicosane (C20)	12.882	3151833	19.897 ug/ml
11) T n-Heneicosane (C21)	13.495	3069795	19.965 ug/ml
13) T n-Docosane (C22)	14.083	3012326	19.881 ug/ml
14) T n-Tetracosane (C24)	15.189	2957704	19.970 ug/ml
15) T n-Hexacosane (C26)	16.211	2919554	20.030 ug/ml
16) T n-Octacosane (C28)	17.162	2939562	20.116 ug/ml
17) T n-Tricontane (C30)	18.050	2989167	19.679 ug/mlm
18) T n-Dotriacontane (C32)	18.886	3042171	19.473 ug/ml
19) T n-Tetratriacontane (C34)	19.673	3088296	19.779 ug/ml
20) T n-Hexatriacontane (C36)	20.415	3231071	19.906 ug/ml
21) T n-Octatriacontane (C38)	21.153	3299973	19.862 ug/ml
22) T n-Tetracontane (C40)	22.067	3390994	19.853 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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