

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111723AL\
 Data File : FE045430.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2023 18:18
 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 11/20/2023
 Supervised By :Ankita Jodhani 11/20/2023

Integration File: autoint1.e
 Quant Time: Nov 17 21:35:30 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)	11.871	3615279	18.935 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
12) S 1-chlorooctadecane (S...	13.313	2611676	18.961 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T n-Nonane (C9)	3.260	3170881	19.194 ug/ml
2) T n-Decane (C10)	4.511	3240690	19.327 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3423140	19.177 ug/ml
4) T n-Dodecane (C12)	6.677	3243774	19.207 ug/ml
5) T A~2-methylnaphthalene...	7.306	3265900	19.019 ug/ml
6) T n-Tetradecane (C14)	8.503	3185487	19.113 ug/ml
7) T n-Hexadecane (C16)	10.113	3208943	19.078 ug/ml
8) T n-Octadecane (C18)	11.558	3164206	18.905 ug/ml
10) T n-Eicosane (C20)	12.869	3019708	19.063 ug/ml
11) T n-Heneicosane (C21)	13.483	2909307	18.921 ug/ml
13) T n-Docosane (C22)	14.069	2921321	19.281 ug/ml
14) T n-Tetracosane (C24)	15.173	2964497	20.015 ug/mlm
15) T n-Hexacosane (C26)	16.197	2995180	20.549 ug/ml
16) T n-Octacosane (C28)	17.148	3130183	21.421 ug/ml
17) T n-Tricontane (C30)	18.040	3365018	22.153 ug/ml
18) T n-Dotriacontane (C32)	18.873	3453713	22.108 ug/ml
19) T n-Tetratriacontane (C34)	19.658	3296433	21.112 ug/ml
20) T n-Hexatriacontane (C36)	20.400	3256508	20.062 ug/ml
21) T n-Octatriacontane (C38)	21.134	3416892	20.566 ug/ml
22) T n-Tetracontane (C40)	22.043	3099374	18.145 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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