

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013124AL\
 Data File : FE046500.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2024 19:48
 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 :Ankita Jodhani 02/01/2024
 Supervised By :Sohil Jodhani 02/01/2024

Integration File: autoint1.e
 Quant Time: Jan 31 21:37:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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)	11.822	3621242	19.584 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	13.264	2734250	19.218 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
Target Compounds			
1) T n-Nonane (C9)	3.208	3374725	20.893 ug/ml
2) T n-Decane (C10)	4.459	3490421	21.298 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3645541	21.319 ug/ml
4) T n-Dodecane (C12)	6.627	3519039	21.274 ug/ml
5) T A~2-methylnaphthalene...	7.260	3471488	21.766 ug/ml
6) T n-Tetradecane (C14)	8.453	3442210	21.002 ug/ml
7) T n-Hexadecane (C16)	10.063	3505331	20.513 ug/ml
8) T n-Octadecane (C18)	11.507	3489635	20.016 ug/ml
10) T n-Eicosane (C20)	12.819	3304033	19.460 ug/ml
11) T n-Heneicosane (C21)	13.431	3205891	19.221 ug/ml
13) T n-Docosane (C22)	14.018	3176774	19.176 ug/ml
14) T n-Tetracosane (C24)	15.122	3124528	18.936 ug/ml
15) T n-Hexacosane (C26)	16.145	3041407	18.844 ug/mlm
16) T n-Octacosane (C28)	17.097	2999746	19.109 ug/ml
17) T n-Tricontane (C30)	17.987	3066319	19.577 ug/ml
18) T n-Dotriacontane (C32)	18.821	2986165	19.755 ug/ml
19) T n-Tetratriacontane (C34)	19.608	2841650	20.035 ug/ml
20) T n-Hexatriacontane (C36)	20.349	2638697	19.143 ug/ml
21) T n-Octatriacontane (C38)	21.078	2698337	21.049 ug/mlm
22) T n-Tetracontane (C40)	21.966	2934072	23.466 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

