

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020824AL\
 Data File : FE046660.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2024 02:28
 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 02/09/2024
 Supervised By :Sohil Jodhani 02/09/2024

Integration File: autoint1.e
 Quant Time: Feb 09 04:35:45 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)	11.811	3304588	17.871 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
12) S 1-chlorooctadecane (S...	13.253	2495733	17.542 ug/ml
Spiked Amount 50.000		Recovery =	35.08%
Target Compounds			
1) T n-Nonane (C9)	3.199	3160089	19.564 ug/mlm
2) T n-Decane (C10)	4.451	3239825	19.769 ug/ml
3) T A~Naphthalene (C11.7)	6.155	3344286	19.557 ug/ml
4) T n-Dodecane (C12)	6.618	3265436	19.741 ug/ml
5) T A~2-methylnaphthalene...	7.252	3162043	19.826 ug/ml
6) T n-Tetradecane (C14)	8.444	3188075	19.452 ug/ml
7) T n-Hexadecane (C16)	10.053	3237269	18.945 ug/ml
8) T n-Octadecane (C18)	11.497	3209663	18.411 ug/ml
10) T n-Eicosane (C20)	12.807	3038265	17.895 ug/ml
11) T n-Heneicosane (C21)	13.420	2942850	17.644 ug/ml
13) T n-Docosane (C22)	14.005	2913793	17.588 ug/ml
14) T n-Tetracosane (C24)	15.110	2893371	17.535 ug/ml
15) T n-Hexacosane (C26)	16.133	2835173	17.566 ug/ml
16) T n-Octacosane (C28)	17.085	2822000	17.977 ug/ml
17) T n-Tricontane (C30)	17.972	2925315	18.676 ug/ml
18) T n-Dotriacontane (C32)	18.807	2857298	18.903 ug/ml
19) T n-Tetratriacontane (C34)	19.591	2716085	19.150 ug/mlm
20) T n-Hexatriacontane (C36)	20.333	2520629	18.287 ug/ml
21) T n-Octatriacontane (C38)	21.058	2841107	22.162 ug/ml
22) T n-Tetracontane (C40)	21.943	2913030	23.297 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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