

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103024AL\
 Data File : FE050932.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2024 09:00
 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 11/01/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Oct 31 09:30:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.856	3182246	20.185 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
12) S 1-chlorooctadecane (S...	13.289	2463537	20.826 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T n-Nonane (C9)	3.245	2807276	19.869 ug/ml
2) T n-Decane (C10)	4.495	2905239	20.249 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2848724	19.922 ug/ml
4) T n-Dodecane (C12)	6.662	2943495	20.450 ug/ml
5) T A~2-methylnaphthalene...	7.302	2621093	19.785 ug/ml
6) T n-Tetradecane (C14)	8.489	2925001	20.445 ug/ml
7) T n-Hexadecane (C16)	10.094	3042175	20.671 ug/ml
8) T n-Octadecane (C18)	11.535	3081986	20.633 ug/ml
10) T n-Eicosane (C20)	12.842	2962018	20.656 ug/ml
11) T n-Heneicosane (C21)	13.453	2904408	20.682 ug/ml
13) T n-Docosane (C22)	14.038	2899866	20.670 ug/mlm
14) T n-Tetracosane (C24)	15.140	2885921	20.427 ug/ml
15) T n-Hexacosane (C26)	16.159	2922801	20.771 ug/ml
16) T n-Octacosane (C28)	17.108	3156059	21.568 ug/ml
17) T n-Tricontane (C30)	17.995	3614427	22.732 ug/ml
18) T n-Dotriacontane (C32)	18.826	3817650	23.549 ug/ml
19) T n-Tetratriacontane (C34)	19.609	3411096	23.222 ug/ml
20) T n-Hexatriacontane (C36)	20.347	2859936	22.552 ug/mlm
21) T n-Octatriacontane (C38)	21.072	2518045	20.365 ug/ml
22) T n-Tetracontane (C40)	21.955	2100786	18.866 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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