

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121824AL\
 Data File : FE051688.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2024 18:59
 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 12/19/2024
 Supervised By :Ankita Jodhani 12/19/2024

Integration File: autoint1.e
 Quant Time: Dec 19 01:12:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.006	3238942	20.175 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
12) S 1-chlorooctadecane (S...	13.426	2515023	19.937 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T n-Nonane (C9)	3.485	2448111	20.431 ug/ml
2) T n-Decane (C10)	4.716	2534673	20.386 ug/ml
3) T A~Naphthalene (C11.7)	6.401	2895154	20.317 ug/ml
4) T n-Dodecane (C12)	6.849	2641155	20.298 ug/ml
5) T A~2-methylnaphthalene...	7.482	2872528	20.298 ug/ml
6) T n-Tetradecane (C14)	8.659	2703145	20.161 ug/ml
7) T n-Hexadecane (C16)	10.252	2873645	20.108 ug/ml
8) T n-Octadecane (C18)	11.684	2974847	20.180 ug/ml
10) T n-Eicosane (C20)	12.983	2901144	20.166 ug/ml
11) T n-Heneicosane (C21)	13.591	2860186	20.127 ug/ml
13) T n-Docosane (C22)	14.173	2853741	20.242 ug/ml
14) T n-Tetracosane (C24)	15.266	2850773	20.432 ug/ml
15) T n-Hexacosane (C26)	16.279	2765711	20.527 ug/ml
16) T n-Octacosane (C28)	17.221	2681361	20.612 ug/ml
17) T n-Tricontane (C30)	18.102	2694174	20.357 ug/ml
18) T n-Dotriacontane (C32)	18.927	2593206	20.685 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2255078	20.497 ug/ml
20) T n-Hexatriacontane (C36)	20.437	1923024	20.029 ug/ml
21) T n-Octatriacontane (C38)	21.171	1868475	20.750 ug/ml
22) T n-Tetracontane (C40)	22.089	2039635	20.897 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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