

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121924AL\
 Data File : FE051725.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2024 22:01
 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 12/20/2024
 Supervised By :Ankita Jodhani 12/20/2024

Integration File: autoint1.e
 Quant Time: Dec 20 04:31:32 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)	12.030	3142167	19.572 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.450	2427005	19.239 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.493	2411296	20.124 ug/ml
2) T n-Decane (C10)	4.727	2504285	20.142 ug/ml
3) T A~Naphthalene (C11.7)	6.418	2886301	20.255 ug/ml
4) T n-Dodecane (C12)	6.865	2613874	20.088 ug/ml
5) T A~2-methylnaphthalene...	7.502	2853437	20.163 ug/ml
6) T n-Tetradecane (C14)	8.677	2672639	19.933 ug/ml
7) T n-Hexadecane (C16)	10.273	2835413	19.840 ug/ml
8) T n-Octadecane (C18)	11.706	2925241	19.844 ug/ml
10) T n-Eicosane (C20)	13.007	2810553	19.536 ug/ml
11) T n-Heneicosane (C21)	13.616	3459452	24.344 ug/mlm
13) T n-Docosane (C22)	14.197	2753857	19.533 ug/ml
14) T n-Tetracosane (C24)	15.292	2753187	19.733 ug/ml
15) T n-Hexacosane (C26)	16.306	2653782	19.696 ug/ml
16) T n-Octacosane (C28)	17.249	2597627	19.968 ug/ml
17) T n-Tricontane (C30)	18.131	2617449	19.778 ug/ml
18) T n-Dotriacontane (C32)	18.957	2540809	20.267 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2263337	20.572 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	1980505	20.628 ug/ml
21) T n-Octatriacontane (C38)	21.209	2137632	23.739 ug/ml
22) T n-Tetracontane (C40)	22.137	1916242	19.633 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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