

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925AL\
 Data File : FE052131.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jan 2025 21:26
 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 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 01:29:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 2025
 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)	12.193	2929905	20.499 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
12) S 1-chlorooctadecane (S...	13.607	2275688	19.838 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.675	2112838	19.818 ug/ml
2) T n-Decane (C10)	4.902	2288294	20.902 ug/ml
3) T A~Naphthalene (C11.7)	6.595	2609867	21.477 ug/ml
4) T n-Dodecane (C12)	7.030	2409028	21.344 ug/ml
5) T A~2-methylnaphthalene...	7.675	2593415	21.723 ug/ml
6) T n-Tetradecane (C14)	8.835	2491163	21.418 ug/ml
7) T n-Hexadecane (C16)	10.428	2656614	21.064 ug/ml
8) T n-Octadecane (C18)	11.861	2721923	20.573 ug/mlm
10) T n-Eicosane (C20)	13.162	2643196	20.162 ug/ml
11) T n-Heneicosane (C21)	13.771	2596278	19.947 ug/ml
13) T n-Docosane (C22)	14.354	2605156	19.851 ug/ml
14) T n-Tetracosane (C24)	15.450	2627509	19.781 ug/mlm
15) T n-Hexacosane (C26)	16.467	2611578	19.757 ug/ml
16) T n-Octacosane (C28)	17.413	2654246	20.110 ug/ml
17) T n-Tricontane (C30)	18.297	2859799	20.975 ug/ml
18) T n-Dotriacontane (C32)	19.127	2813929	21.472 ug/ml
19) T n-Tetratriacontane (C34)	19.907	2400764	21.324 ug/mlm
20) T n-Hexatriacontane (C36)	20.647	2004234	21.101 ug/ml
21) T n-Octatriacontane (C38)	21.429	1846724	21.378 ug/mlm
22) T n-Tetracontane (C40)	22.426	1788538	21.703 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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