

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121624AL\
 Data File : FE051659.D
 Signal(s) : FID1B.ch
 Acq On : 16 Dec 2024 10:00
 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 12/17/2024
 Supervised By :Ankita Jodhani 12/17/2024

Integration File: autoint1.e
 Quant Time: Dec 17 00:22:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:49:08 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)	12.008	3355736	21.707 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
12) S 1-chlorooctadecane (S...	13.430	2629219	21.181 ug/ml
Spiked Amount 50.000		Recovery =	42.36%
Target Compounds			
1) T n-Nonane (C9)	3.484	2367976	20.355 ug/ml
2) T n-Decane (C10)	4.716	2536755	21.240 ug/ml
3) T A~Naphthalene (C11.7)	6.402	2897362	21.498 ug/ml
4) T n-Dodecane (C12)	6.851	2662854	21.676 ug/ml
5) T A~2-methylnaphthalene...	7.484	2890016	21.797 ug/ml
6) T n-Tetradecane (C14)	8.661	2756029	21.964 ug/ml
7) T n-Hexadecane (C16)	10.255	2954915	21.985 ug/ml
8) T n-Octadecane (C18)	11.687	3071243	21.747 ug/ml
10) T n-Eicosane (C20)	12.987	3025272	21.457 ug/ml
11) T n-Heneicosane (C21)	13.594	2997353	21.111 ug/ml
13) T n-Docosane (C22)	14.176	3007420	21.134 ug/ml
14) T n-Tetracosane (C24)	15.272	3026512	20.714 ug/ml
15) T n-Hexacosane (C26)	16.284	2968490	20.399 ug/ml
16) T n-Octacosane (C28)	17.227	2945485	20.177 ug/mlm
17) T n-Tricontane (C30)	18.107	3056062	20.044 ug/ml
18) T n-Dotriacontane (C32)	18.932	2947397	19.665 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2498778	19.037 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2142591	18.476 ug/mlm
21) T n-Octatriacontane (C38)	21.179	1961031	19.045 ug/ml
22) T n-Tetracontane (C40)	22.099	1820919	18.184 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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