

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103124AL\
 Data File : FE050940.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2024 13:32
 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 14:41:08 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)	11.855	2845611	18.050 ug/mlm
Spiked Amount 50.000		Recovery =	36.10%
12) S 1-chlorooctadecane (S...	13.288	2180579	18.434 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
Target Compounds			
1) T n-Nonane (C9)	3.244	2508093	17.751 ug/ml
2) T n-Decane (C10)	4.494	2587501	18.034 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2464077	17.232 ug/ml
4) T n-Dodecane (C12)	6.661	2611056	18.141 ug/ml
5) T A~2-methylnaphthalene...	7.302	2296120	17.332 ug/ml
6) T n-Tetradecane (C14)	8.488	2596062	18.146 ug/ml
7) T n-Hexadecane (C16)	10.093	2691936	18.291 ug/ml
8) T n-Octadecane (C18)	11.534	2736665	18.321 ug/ml
10) T n-Eicosane (C20)	12.841	2631784	18.353 ug/ml
11) T n-Heneicosane (C21)	13.453	2576932	18.350 ug/ml
13) T n-Docosane (C22)	14.039	2597420	18.514 ug/ml
14) T n-Tetracosane (C24)	15.139	2578044	18.248 ug/ml
15) T n-Hexacosane (C26)	16.158	2647279	18.813 ug/mlm
16) T n-Octacosane (C28)	17.107	2826604	19.317 ug/ml
17) T n-Tricontane (C30)	17.994	3225694	20.287 ug/ml
18) T n-Dotriacontane (C32)	18.826	3378071	20.838 ug/ml
19) T n-Tetratriacontane (C34)	19.608	2984873	20.320 ug/ml
20) T n-Hexatriacontane (C36)	20.347	2505694	19.759 ug/mlm
21) T n-Octatriacontane (C38)	21.070	2192018	17.728 ug/ml
22) T n-Tetracontane (C40)	21.954	1857267	16.679 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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