

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
 Data File : FE051640.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2024 15:23
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :Ankita Jodhani 12/13/2024

Integration File: autoint1.e
 Quant Time: Dec 12 15:48:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:48:00 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)	11.988	847846	5.484 ug/ml
Spiked Amount 50.000		Recovery =	10.97%
12) S 1-chlorooctadecane (S...	13.406	680908	5.485 ug/ml
Spiked Amount 50.000		Recovery =	10.97%
Target Compounds			
1) T n-Nonane (C9)	3.481	641671	5.516 ug/ml
2) T n-Decane (C10)	4.710	659848	5.525 ug/ml
3) T A~Naphthalene (C11.7)	6.392	744263	5.522 ug/ml
4) T n-Dodecane (C12)	6.840	678843	5.526 ug/ml
5) T A~2-methylnaphthalene...	7.471	728287	5.493 ug/ml
6) T n-Tetradecane (C14)	8.646	692137	5.516 ug/ml
7) T n-Hexadecane (C16)	10.236	737765	5.494 ug/mlm
8) T n-Octadecane (C18)	11.667	777083	5.502 ug/ml
10) T n-Eicosane (C20)	12.964	776313	5.506 ug/ml
11) T n-Heneicosane (C21)	13.570	785353	5.531 ug/ml
13) T n-Docosane (C22)	14.150	781542	5.492 ug/ml
14) T n-Tetracosane (C24)	15.243	802408	5.492 ug/ml
15) T n-Hexacosane (C26)	16.254	794134	5.457 ug/ml
16) T n-Octacosane (C28)	17.194	808529	5.538 ug/ml
17) T n-Tricontane (C30)	18.074	886702	5.816 ug/ml
18) T n-Dotriacontane (C32)	18.899	888745	5.930 ug/ml
19) T n-Tetratriacontane (C34)	19.675	768076	5.852 ug/ml
20) T n-Hexatriacontane (C36)	20.408	656118	5.658 ug/ml
21) T n-Octatriacontane (C38)	21.139	567398	5.511 ug/ml
22) T n-Tetracontane (C40)	22.048	522604	5.219 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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