

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020325AL\
 Data File : FE052204.D
 Signal(s) : FID1B.ch
 Acq On : 03 Feb 2025 11:51
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/04/2025
 Supervised By :Ankita Jodhani 02/04/2025

Integration File: autoint1.e
 Quant Time: Feb 03 13:56:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 13:54:43 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)	12.291	11433358	94.926 ug/ml
Spiked Amount 50.000		Recovery =	189.85%
12) S 1-chlorooctadecane (S...	13.705	9123651	94.908 ug/ml
Spiked Amount 50.000		Recovery =	189.82%
Target Compounds			
1) T n-Nonane (C9)	3.734	8601709	94.774 ug/ml
2) T n-Decane (C10)	4.965	8881455	94.983 ug/ml
3) T A~Naphthalene (C11.7)	6.672	9911771	95.058 ug/ml
4) T n-Dodecane (C12)	7.102	9215462	95.308 ug/ml
5) T A~2-methylnaphthalene...	7.757	9855017	95.763 ug/ml
6) T n-Tetradecane (C14)	8.915	9441421	95.448 ug/ml
7) T n-Hexadecane (C16)	10.514	10085468	95.184 ug/ml
8) T n-Octadecane (C18)	11.953	10492394	94.962 ug/ml
10) T n-Eicosane (C20)	13.257	10385290	94.713 ug/ml
11) T n-Heneicosane (C21)	13.868	10368538	94.700 ug/ml
13) T n-Docosane (C22)	14.452	10430935	94.763 ug/ml
14) T n-Tetracosane (C24)	15.552	10585800	94.610 ug/ml
15) T n-Hexacosane (C26)	16.570	10542000	94.557 ug/ml
16) T n-Octacosane (C28)	17.518	10328264	94.153 ug/ml
17) T n-Tricontane (C30)	18.403	10293664	93.569 ug/ml
18) T n-Dotriacontane (C32)	19.234	9682834	92.481 ug/ml
19) T n-Tetratriacontane (C34)	20.015	8402760	91.993 ug/ml
20) T n-Hexatriacontane (C36)	20.752	7202937	90.403 ug/ml
21) T n-Octatriacontane (C38)	21.568	6673402	91.969 ug/ml
22) T n-Tetracontane (C40)	22.611	6526354	91.009 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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