

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021125AL\
 Data File : FE052345.D
 Signal(s) : FID1B.ch
 Acq On : 11 Feb 2025 11:34
 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 02/12/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File: autoint1.e
 Quant Time: Feb 12 01:17:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 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)	12.311	2511946	20.295 ug/mlm
Spiked Amount 50.000		Recovery =	40.59%
12) S 1-chlorooctadecane (S...	13.723	1936878	19.626 ug/mlm
Spiked Amount 50.000		Recovery =	39.25%
Target Compounds			
1) T n-Nonane (C9)	3.777	1807176	19.348 ug/ml
2) T n-Decane (C10)	5.004	1933023	20.129 ug/ml
3) T A~Naphthalene (C11.7)	6.707	2186253	20.457 ug/ml
4) T n-Dodecane (C12)	7.134	2021114	20.391 ug/mlm
5) T A~2-methylnaphthalene...	7.788	2157235	20.597 ug/ml
6) T n-Tetradecane (C14)	8.943	2046942	20.284 ug/ml
7) T n-Hexadecane (C16)	10.539	2157897	19.886 ug/ml
8) T n-Octadecane (C18)	11.973	2212087	19.472 ug/mlm
10) T n-Eicosane (C20)	13.276	2150077	19.052 ug/ml
11) T n-Heneicosane (C21)	13.886	2118543	18.812 ug/ml
13) T n-Docosane (C22)	14.469	2117042	18.704 ug/mlm
14) T n-Tetracosane (C24)	15.567	2100438	18.268 ug/ml
15) T n-Hexacosane (C26)	16.583	2069880	18.049 ug/ml
16) T n-Octacosane (C28)	17.529	2040999	18.039 ug/ml
17) T n-Tricontane (C30)	18.413	2092999	18.368 ug/ml
18) T n-Dotriacontane (C32)	19.242	2025136	18.575 ug/ml
19) T n-Tetratriacontane (C34)	20.023	1762957	18.582 ug/ml
20) T n-Hexatriacontane (C36)	20.759	1535819	18.587 ug/ml
21) T n-Octatriacontane (C38)	21.574	1461589	19.674 ug/ml
22) T n-Tetracontane (C40)	22.616	1476342	19.802 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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