

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012325AL\
 Data File : FE052012.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2025 12:03
 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 01/24/2025
 Supervised By :Sohil Jodhani 01/24/2025

Integration File: autoint1.e
 Quant Time: Jan 24 01:49:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.207	2871092	20.088 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	13.621	2226640	19.410 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	3.687	2124988	19.932 ug/ml
2) T n-Decane (C10)	4.914	2297321	20.984 ug/ml
3) T A~Naphthalene (C11.7)	6.609	2611821	21.494 ug/ml
4) T n-Dodecane (C12)	7.041	2414393	21.392 ug/ml
5) T A~2-methylnaphthalene...	7.688	2592011	21.711 ug/ml
6) T n-Tetradecane (C14)	8.847	2478948	21.313 ug/ml
7) T n-Hexadecane (C16)	10.441	2616106	20.743 ug/ml
8) T n-Octadecane (C18)	11.874	2669250	20.175 ug/ml
10) T n-Eicosane (C20)	13.175	2585091	19.719 ug/ml
11) T n-Heneicosane (C21)	13.784	2536168	19.485 ug/ml
13) T n-Docosane (C22)	14.367	2546010	19.400 ug/ml
14) T n-Tetracosane (C24)	15.464	2564608	19.307 ug/mlm
15) T n-Hexacosane (C26)	16.482	2550650	19.296 ug/ml
16) T n-Octacosane (C28)	17.428	2570228	19.474 ug/mlm
17) T n-Tricontane (C30)	18.313	2726652	19.999 ug/ml
18) T n-Dotriacontane (C32)	19.142	2653029	20.244 ug/mlm
19) T n-Tetratriacontane (C34)	19.926	2292585	20.363 ug/mlm
20) T n-Hexatriacontane (C36)	20.664	1971088	20.752 ug/ml
21) T n-Octatriacontane (C38)	21.451	1824714	21.124 ug/mlm
22) T n-Tetracontane (C40)	22.456	1835698	22.275 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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