

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011325AL\
 Data File : FE051905.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jan 2025 18:05
 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 01/14/2025
 Supervised By :Ankita Jodhani 01/14/2025

Integration File: autoint1.e
 Quant Time: Jan 13 23:48:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.154	2833706	19.550 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.580	2219705	19.317 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.569	2107755	19.083 ug/ml
2) T n-Decane (C10)	4.809	2198887	19.324 ug/ml
3) T A~Naphthalene (C11.7)	6.515	2514284	19.714 ug/ml
4) T n-Dodecane (C12)	6.959	2303318	19.614 ug/ml
5) T A~2-methylnaphthalene...	7.604	2489967	19.895 ug/ml
6) T n-Tetradecane (C14)	8.781	2382346	19.870 ug/ml
7) T n-Hexadecane (C16)	10.385	2550250	19.928 ug/ml
8) T n-Octadecane (C18)	11.825	2638466	19.828 ug/ml
10) T n-Eicosane (C20)	13.133	2581878	19.623 ug/ml
11) T n-Heneicosane (C21)	13.745	2538333	19.314 ug/ml
13) T n-Docosane (C22)	14.330	2549681	19.435 ug/ml
14) T n-Tetracosane (C24)	15.432	2574533	19.437 ug/ml
15) T n-Hexacosane (C26)	16.453	2513290	19.155 ug/ml
16) T n-Octacosane (C28)	17.400	2490713	19.291 ug/ml
17) T n-Tricontane (C30)	18.286	2572386	19.568 ug/ml
18) T n-Dotriacontane (C32)	19.118	2456301	19.355 ug/ml
19) T n-Tetratriacontane (C34)	19.899	2110189	18.992 ug/ml
20) T n-Hexatriacontane (C36)	20.638	1829902	18.548 ug/ml
21) T n-Octatriacontane (C38)	21.426	1742871	18.408 ug/ml
22) T n-Tetracontane (C40)	22.430	1695579	18.420 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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