

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031925AL\
 Data File : FE052865.D
 Signal(s) : FID1B.ch
 Acq On : 19 Mar 2025 16:02
 Operator : YP\AJ
 Sample : Q1598-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11944MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/20/2025

Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e

Quant Time: Mar 20 01:42:16 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M

Quant Title : GC Extractables

QLast Update : Mon Mar 03 13:39:39 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)	11.922	8326888	49.392 ug/mlm
Spiked Amount 50.000		Recovery =	98.78%
12) S 1-chlorooctadecane (S...	13.368	4417707	36.382 ug/mlm
Spiked Amount 50.000		Recovery =	72.76%
Target Compounds			
1) T n-Nonane (C9)	3.249	5065315	32.669 ug/ml
2) T n-Decane (C10)	4.511	5769736	36.727 ug/ml
3) T A~Naphthalene (C11.7)	6.223	7001899	41.287 ug/ml
4) T n-Dodecane (C12)	6.690	6918255	44.433 ug/ml
5) T A~2-methylnaphthalene...	7.325	6869982	42.392 ug/ml
6) T n-Tetradecane (C14)	8.531	7554029	49.924 ug/mlm
7) T n-Hexadecane (C16)	10.151	7330591	47.948 ug/mlm
8) T n-Octadecane (C18)	11.610	8316707	54.664 ug/mlm
10) T n-Eicosane (C20)	12.927	7121011	49.051 ug/mlm
11) T n-Heneicosane (C21)	13.539	6280218	44.125 ug/mlm
13) T n-Docosane (C22)	14.126	7546028	53.026 ug/mlm
14) T n-Tetracosane (C24)	15.222	14385973	100.525 ug/mlm
15) T n-Hexacosane (C26)	16.245	6718789	47.251 ug/mlm
16) T n-Octacosane (C28)	17.192	6782226	47.697 ug/mlm
17) T n-Tricontane (C30)	18.083	6873111	46.534 ug/ml
18) T n-Dotriacontane (C32)	18.914	6856057	47.225 ug/ml
19) T n-Tetratriacontane (C34)	19.700	6928720	51.408 ug/ml
20) T n-Hexatriacontane (C36)	20.442	6769120	56.968 ug/ml
21) T n-Octatriacontane (C38)	21.184	6868024	61.910 ug/ml
22) T n-Tetracontane (C40)	22.105	6967108	64.441 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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