

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050825AL\
 Data File : FE053729.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2025 01:33
 Operator : YP\AJ
 Sample : PB167906BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167906BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/09/2025

Supervised By :mohammad ahmed 05/12/2025

Integration File: autoint1.e

Quant Time: May 09 07:22:35 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Tue Apr 29 06:49:03 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)	11.860	6486026	35.961 ug/ml
Spiked Amount 50.000		Recovery =	71.92%
12) S 1-chlorooctadecane (S...	13.304	5149196	38.093 ug/ml
Spiked Amount 50.000		Recovery =	76.19%
Target Compounds			
1) T n-Nonane (C9)	3.217	6177959	45.061 ug/ml
2) T n-Decane (C10)	4.474	6472017	46.785 ug/ml
3) T A~Naphthalene (C11.7)	6.182	7490540	49.624 ug/ml
4) T n-Dodecane (C12)	6.650	6683362	47.654 ug/ml
5) T A~2-methylnaphthalene...	7.283	6788287	45.466 ug/ml
6) T n-Tetradecane (C14)	8.486	6800816	48.477 ug/ml
7) T n-Hexadecane (C16)	10.098	6703985	46.776 ug/ml
8) T n-Octadecane (C18)	11.546	6642375	45.579 ug/ml
10) T n-Eicosane (C20)	12.860	6734472	46.281 ug/ml
11) T n-Heneicosane (C21)	13.472	6412536	44.272 ug/ml
13) T n-Docosane (C22)	14.060	6353635	44.030 ug/ml
14) T n-Tetracosane (C24)	15.157	13088774	91.122 ug/ml
15) T n-Hexacosane (C26)	16.190	6128994	43.275 ug/ml
16) T n-Octacosane (C28)	17.140	6383165	45.880 ug/ml
17) T n-Tricontane (C30)	18.031	6090793	43.757 ug/mlm
18) T n-Dotriacontane (C32)	18.862	5968662	43.469 ug/ml
19) T n-Tetratriacontane (C34)	19.647	6067302	46.566 ug/ml
20) T n-Hexatriacontane (C36)	20.389	5861497	46.429 ug/mlm
21) T n-Octatriacontane (C38)	21.121	5972978	49.027 ug/mlm
22) T n-Tetracontane (C40)	22.022	6125177	51.291 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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