

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043025AL\
 Data File : FE053585.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2025 14:12
 Operator : YP\AJ
 Sample : PB167797BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167797BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e

Quant Time: May 01 01:46:34 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)	11.869	6128438	33.979 ug/ml
Spiked Amount 50.000		Recovery =	67.96%
12) S 1-chlorooctadecane (S...	13.314	4847196	35.859 ug/ml
Spiked Amount 50.000		Recovery =	71.72%
Target Compounds			
1) T n-Nonane (C9)	3.221	4624256	33.728 ug/ml
2) T n-Decane (C10)	4.479	4811220	34.779 ug/mlm
3) T A~Naphthalene (C11.7)	6.189	5657410	37.480 ug/ml
4) T n-Dodecane (C12)	6.657	5037881	35.921 ug/ml
5) T A~2-methylnaphthalene...	7.290	5242830	35.115 ug/ml
6) T n-Tetradecane (C14)	8.494	5418565	38.624 ug/ml
7) T n-Hexadecane (C16)	10.106	5710793	39.846 ug/ml
8) T n-Octadecane (C18)	11.555	5797668	39.783 ug/mlm
10) T n-Eicosane (C20)	12.869	5900713	40.551 ug/ml
11) T n-Heneicosane (C21)	13.482	5636230	38.912 ug/ml
13) T n-Docosane (C22)	14.070	5570282	38.601 ug/ml
14) T n-Tetracosane (C24)	15.166	11484750	79.955 ug/ml
15) T n-Hexacosane (C26)	16.200	5375181	37.953 ug/ml
16) T n-Octacosane (C28)	17.150	5616731	40.372 ug/ml
17) T n-Tricontane (C30)	18.042	5220257	37.503 ug/ml
18) T n-Dotriacontane (C32)	18.875	4928016	35.890 ug/ml
19) T n-Tetratriacontane (C34)	19.661	4560949	35.005 ug/ml
20) T n-Hexatriacontane (C36)	20.403	3756345	29.754 ug/ml
21) T n-Octatriacontane (C38)	21.138	3239069	26.587 ug/ml
22) T n-Tetracontane (C40)	22.042	2861594	23.962 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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