

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054349.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 20:43
 Operator : YP\AJ
 Sample : PB168438BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168438BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/13/2025

Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e

Quant Time: Jun 13 05:42:17 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 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)	11.828	6925137	41.911 ug/ml
Spiked Amount 50.000		Recovery =	83.82%
12) S 1-chlorooctadecane (S...	13.271	5625467	46.130 ug/mlm
Spiked Amount 50.000		Recovery =	92.26%
Target Compounds			
1) T n-Nonane (C9)	3.184	4425768	35.640 ug/ml
2) T n-Decane (C10)	4.443	4696880	37.801 ug/ml
3) T A~Naphthalene (C11.7)	6.154	6026024	44.591 ug/ml
4) T n-Dodecane (C12)	6.621	5364849	42.133 ug/ml
5) T A~2-methylnaphthalene...	7.255	5678965	42.875 ug/ml
6) T n-Tetradecane (C14)	8.456	5588235	43.164 ug/ml
7) T n-Hexadecane (C16)	10.067	5768264	43.423 ug/ml
8) T n-Octadecane (C18)	11.514	5865393	43.437 ug/ml
10) T n-Eicosane (C20)	12.826	6101446	45.609 ug/ml
11) T n-Heneicosane (C21)	13.439	5861445	44.082 ug/ml
13) T n-Docosane (C22)	14.026	5819286	44.381 ug/ml
14) T n-Tetracosane (C24)	15.127	12013639	93.133 ug/ml
15) T n-Hexacosane (C26)	16.156	5643556	44.958 ug/ml
16) T n-Octacosane (C28)	17.107	5981593	48.777 ug/mlm
17) T n-Tricontane (C30)	17.996	5460820	44.059 ug/ml
18) T n-Dotriacontane (C32)	18.827	5016966	39.930 ug/mlm
19) T n-Tetratriacontane (C34)	19.610	3283461	26.393 ug/mlm
20) T n-Hexatriacontane (C36)	20.351	1639271	12.734 ug/mlm
21) T n-Octatriacontane (C38)	21.076	795620	6.026 ug/mlm
22) T n-Tetracontane (C40)	21.964	475520	3.530 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

```
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