

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054519.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 14:50
 Operator : YP\AJ
 Sample : PB168561BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168561BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/23/2025

Supervised By :mohammad ahmed 06/24/2025

Integration File: autoint1.e

Quant Time: Jun 20 23:24:00 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)	11.824	6375536	38.585 ug/ml
Spiked Amount 50.000		Recovery =	77.17%
12) S 1-chlorooctadecane (S...	13.268	5007131	41.059 ug/mlm
Spiked Amount 50.000		Recovery =	82.12%
Target Compounds			
1) T n-Nonane (C9)	3.180	4798337	38.640 ug/ml
2) T n-Decane (C10)	4.439	4892254	39.373 ug/ml
3) T A~Naphthalene (C11.7)	6.150	6123385	45.311 ug/ml
4) T n-Dodecane (C12)	6.617	5142513	40.387 ug/ml
5) T A~2-methylnaphthalene...	7.251	5574872	42.089 ug/ml
6) T n-Tetradecane (C14)	8.452	5224410	40.354 ug/ml
7) T n-Hexadecane (C16)	10.063	5294461	39.856 ug/ml
8) T n-Octadecane (C18)	11.510	5317850	39.382 ug/ml
10) T n-Eicosane (C20)	12.824	5478933	40.956 ug/ml
11) T n-Heneicosane (C21)	13.437	5238700	39.398 ug/ml
13) T n-Docosane (C22)	14.024	5195791	39.626 ug/ml
14) T n-Tetracosane (C24)	15.125	11401111	88.385 ug/ml
15) T n-Hexacosane (C26)	16.154	5023445	40.018 ug/ml
16) T n-Octacosane (C28)	17.103	5197669	42.385 ug/mlm
17) T n-Tricontane (C30)	17.994	4969399	40.094 ug/ml
18) T n-Dotriacontane (C32)	18.826	5154366	41.023 ug/mlm
19) T n-Tetratriacontane (C34)	19.613	5092545	40.935 ug/mlm
20) T n-Hexatriacontane (C36)	20.352	5032469	39.093 ug/mlm
21) T n-Octatriacontane (C38)	21.079	5032592	38.114 ug/ml
22) T n-Tetracontane (C40)	21.964	4730080	35.114 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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