

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
 Data File : FE054443.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 14:30
 Operator : YP\AJ
 Sample : PB168506BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168506BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e

Quant Time: Jun 18 01:22:31 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)	11.826	6387682	38.658 ug/ml
Spiked Amount 50.000		Recovery =	77.32%
12) S 1-chlorooctadecane (S...	13.270	5108828	41.893 ug/mlm
Spiked Amount 50.000		Recovery =	83.79%
Target Compounds			
1) T n-Nonane (C9)	3.181	4245100	34.185 ug/ml
2) T n-Decane (C10)	4.440	4287197	34.504 ug/ml
3) T A~Naphthalene (C11.7)	6.152	5471562	40.488 ug/ml
4) T n-Dodecane (C12)	6.619	4590520	36.051 ug/ml
5) T A~2-methylnaphthalene...	7.253	5068422	38.266 ug/ml
6) T n-Tetradecane (C14)	8.454	4858779	37.530 ug/ml
7) T n-Hexadecane (C16)	10.065	5220925	39.303 ug/ml
8) T n-Octadecane (C18)	11.512	5344719	39.581 ug/ml
10) T n-Eicosane (C20)	12.825	5524779	41.299 ug/ml
11) T n-Heneicosane (C21)	13.438	5286264	39.756 ug/ml
13) T n-Docosane (C22)	14.025	5237746	39.946 ug/ml
14) T n-Tetracosane (C24)	15.127	11436177	88.657 ug/ml
15) T n-Hexacosane (C26)	16.155	5060637	40.315 ug/ml
16) T n-Octacosane (C28)	17.106	5368886	43.781 ug/mlm
17) T n-Tricontane (C30)	17.996	4957977	40.002 ug/ml
18) T n-Dotriacontane (C32)	18.829	5123118	40.775 ug/mlm
19) T n-Tetratriacontane (C34)	19.613	4881287	39.237 ug/mlm
20) T n-Hexatriacontane (C36)	20.352	4578173	35.564 ug/mlm
21) T n-Octatriacontane (C38)	21.080	4207419	31.864 ug/ml
22) T n-Tetracontane (C40)	21.966	3808974	28.276 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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