

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054909.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 18:53
 Operator : YP\AJ
 Sample : PB168898BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168898BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/18/2025

Supervised By :mohammad ahmed 07/21/2025

Integration File: autoint1.e

Quant Time: Jul 18 01:10:02 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M

Quant Title : GC Extractables

QLast Update : Tue Jul 08 07:45:12 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)	12.091	5883848	36.232 ug/ml
Spiked Amount 50.000		Recovery =	72.46%
12) S 1-chlorooctadecane (S...	13.526	4623405	36.608 ug/ml
Spiked Amount 50.000		Recovery =	73.22%
Target Compounds			
1) T n-Nonane (C9)	3.433	4011690	29.825 ug/ml
2) T n-Decane (C10)	4.688	4338264	31.794 ug/ml
3) T A~Naphthalene (C11.7)	6.405	5383563	35.555 ug/ml
4) T n-Dodecane (C12)	6.861	4726301	34.446 ug/ml
5) T A~2-methylnaphthalene...	7.506	5116702	34.807 ug/ml
6) T n-Tetradecane (C14)	8.699	4928419	35.552 ug/ml
7) T n-Hexadecane (C16)	10.314	5029310	35.291 ug/ml
8) T n-Octadecane (C18)	11.762	4983753	34.006 ug/ml
10) T n-Eicosane (C20)	13.078	5066493	35.234 ug/ml
11) T n-Heneicosane (C21)	13.692	4831083	33.823 ug/ml
13) T n-Docosane (C22)	14.280	4757648	33.320 ug/ml
14) T n-Tetracosane (C24)	15.386	9802479	67.434 ug/ml
15) T n-Hexacosane (C26)	16.411	4603251	31.809 ug/ml
16) T n-Octacosane (C28)	17.361	4553038	31.241 ug/ml
17) T n-Tricontane (C30)	18.253	4637105	29.426 ug/ml
18) T n-Dotriacontane (C32)	19.085	4653889	28.766 ug/ml
19) T n-Tetratriacontane (C34)	19.872	4916026	32.259 ug/mlm
20) T n-Hexatriacontane (C36)	20.613	4803562	35.726 ug/ml
21) T n-Octatriacontane (C38)	21.395	5273068	44.960 ug/ml
22) T n-Tetracontane (C40)	22.387	5034938	46.454 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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