

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082125AL\
 Data File : FE055429.D
 Signal(s) : FID1B.ch
 Acq On : 21 Aug 2025 16:17
 Operator : YP\AJ
 Sample : PB169342BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB169342BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2025

Supervised By :mohammad ahmed 08/25/2025

Integration File: autoint1.e

Quant Time: Aug 22 01:19:27 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M

Quant Title : GC Extractables

QLast Update : Fri Aug 01 13:47:09 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)	12.085	5808581	40.675 ug/ml
Spiked Amount 50.000		Recovery =	81.35%
12) S 1-chlorooctadecane (S...	13.521	4620528	42.972 ug/ml
Spiked Amount 50.000		Recovery =	85.94%
Target Compounds			
1) T n-Nonane (C9)	3.422	3964425	34.542 ug/ml
2) T n-Decane (C10)	4.679	4119442	35.361 ug/ml
3) T A~Naphthalene (C11.7)	6.398	5234603	38.997 ug/ml
4) T n-Dodecane (C12)	6.853	4494253	37.741 ug/ml
5) T A~2-methylnaphthalene...	7.499	5026857	38.554 ug/ml
6) T n-Tetradecane (C14)	8.692	4825586	39.357 ug/ml
7) T n-Hexadecane (C16)	10.307	5137730	40.187 ug/ml
8) T n-Octadecane (C18)	11.757	5225197	40.047 ug/ml
10) T n-Eicosane (C20)	13.072	5395557	43.002 ug/ml
11) T n-Heneicosane (C21)	13.687	5209740	42.264 ug/ml
13) T n-Docosane (C22)	14.275	5158782	42.244 ug/ml
14) T n-Tetracosane (C24)	15.383	10685997	87.854 ug/ml
15) T n-Hexacosane (C26)	16.408	5014641	41.913 ug/ml
16) T n-Octacosane (C28)	17.360	5023128	42.345 ug/ml
17) T n-Tricontane (C30)	18.251	5057134	41.099 ug/mlm
18) T n-Dotriacontane (C32)	19.084	5153857	42.241 ug/mlm
19) T n-Tetratriacontane (C34)	19.869	5502261	47.060 ug/mlm
20) T n-Hexatriacontane (C36)	20.610	5787327	52.950 ug/mlm
21) T n-Octatriacontane (C38)	21.392	6322182	58.500 ug/mlm
22) T n-Tetracontane (C40)	22.384	6493412	62.094 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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