

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082324AL\  
 Data File : FE049733.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Aug 2024 17:35  
 Operator : YP\AJ  
 Sample : P3717-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**  
 FID\_E  
**ClientSampleId :**  
 TP-1MSD

**Manual Integrations**  
**APPROVED**

Reviewed By :Yogesh Patel 08/26/2024  
 Supervised By :Ankita Jodhani 08/26/2024

Integration File: autoint1.e  
 Quant Time: Aug 24 01:17:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 11:05:17 2024  
 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
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System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.883	4036583	24.962 ug/ml
Spiked Amount	50.000	Recovery	= 49.92%
12) S 1-chlorooctadecane (S...	13.318	3217416	26.371 ug/ml
Spiked Amount	50.000	Recovery	= 52.74%
Target Compounds			
1) T n-Nonane (C9)	3.274	3919227	25.326 ug/ml
2) T n-Decane (C10)	4.525	4322568	27.377 ug/ml
3) T A~Naphthalene (C11.7)	6.231	4566679	28.461 ug/ml
4) T n-Dodecane (C12)	6.691	4626127	29.427 ug/ml
5) T A~2-methylnaphthalene...	7.327	4499278	30.044 ug/ml
6) T n-Tetradecane (C14)	8.519	4852623	31.433 ug/ml
7) T n-Hexadecane (C16)	10.124	5088711	32.582 ug/ml
8) T n-Octadecane (C18)	11.566	5335349	33.972 ug/ml
10) T n-Eicosane (C20)	12.874	5397182	36.148 ug/ml
11) T n-Heneicosane (C21)	13.485	5256004	35.829 ug/ml
13) T n-Docosane (C22)	14.070	5182523	35.557 ug/ml
14) T n-Tetracosane (C24)	15.167	9704486	66.713 ug/ml
15) T n-Hexacosane (C26)	16.192	5087484	35.250 ug/ml
16) T n-Octacosane (C28)	17.139	5678135	39.421 ug/ml
17) T n-Tricontane (C30)	18.026	5212474	34.819 ug/ml
18) T n-Dotriacontane (C32)	18.857	5192504	34.323 ug/ml
19) T n-Tetratriacontane (C34)	19.640	5424773	35.484 ug/ml
20) T n-Hexatriacontane (C36)	20.380	5513339	36.307 ug/ml
21) T n-Octatriacontane (C38)	21.108	5751511	36.645 ug/ml
22) T n-Tetracontane (C40)	21.999	5714313	37.427 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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