

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082624AL\  
 Data File : FE049755.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Aug 2024 13:09  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Aug 27 01:21:03 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   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.885 | 2838004    | 17.550 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.10%       |
| 12) S 1-chlorooctadecane (S... | 13.320 | 2156688    | 17.677 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.35%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.274  | 2457880    | 15.883 ug/ml |
| 2) T n-Decane (C10)            | 4.524  | 2658890    | 16.840 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.232  | 2706799    | 16.870 ug/ml |
| 4) T n-Dodecane (C12)          | 6.691  | 2691762    | 17.122 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.328  | 2581449    | 17.238 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.518  | 2655525    | 17.201 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.125 | 2715716    | 17.388 ug/ml |
| 8) T n-Octadecane (C18)        | 11.567 | 2744941    | 17.478 ug/ml |
| 10) T n-Eicosane (C20)         | 12.874 | 2626072    | 17.588 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.486 | 2578344    | 17.576 ug/ml |
| 13) T n-Docosane (C22)         | 14.072 | 2549537    | 17.492 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.174 | 2569472    | 17.664 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.193 | 2548147    | 17.656 ug/ml |
| 16) T n-Octacosane (C28)       | 17.142 | 2648918    | 18.390 ug/ml |
| 17) T n-Tricontane (C30)       | 18.029 | 2929509    | 19.569 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.860 | 3090391    | 20.428 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.644 | 3141789    | 20.551 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.383 | 2958589    | 19.483 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.112 | 2760172    | 17.586 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.005 | 2719590    | 17.812 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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