

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102723AL\  
 Data File : FE045058.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Oct 2023 07:51  
 Operator : YP\AJ  
 Sample : 05027-01DL 2X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 27 12:33:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 101223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 12 06:15:32 2023  
 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)    | 11.898 | 3514448    | 17.531 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.06%       |
| 12) S 1-chlorooctadecane (S... | 13.343 | 2707251    | 18.294 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.59%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 6) T n-Tetradecane (C14)       | 8.490f | 687675     | 4.010 ug/ml  |
| 13) T n-Docosane (C22)         | 14.097 | 48752      | 0.305 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.203 | 92956      | 0.599 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.227 | 63835      | 0.425 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.177 | 90911      | 0.619 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.066 | 169206     | 1.138 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.902 | 152468     | 1.016 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.693 | 612823     | 4.117 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.436 | 696969     | 4.533 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.109 | 1341111    | 8.025 ug/ml  |
| -----                          |        |            |              |

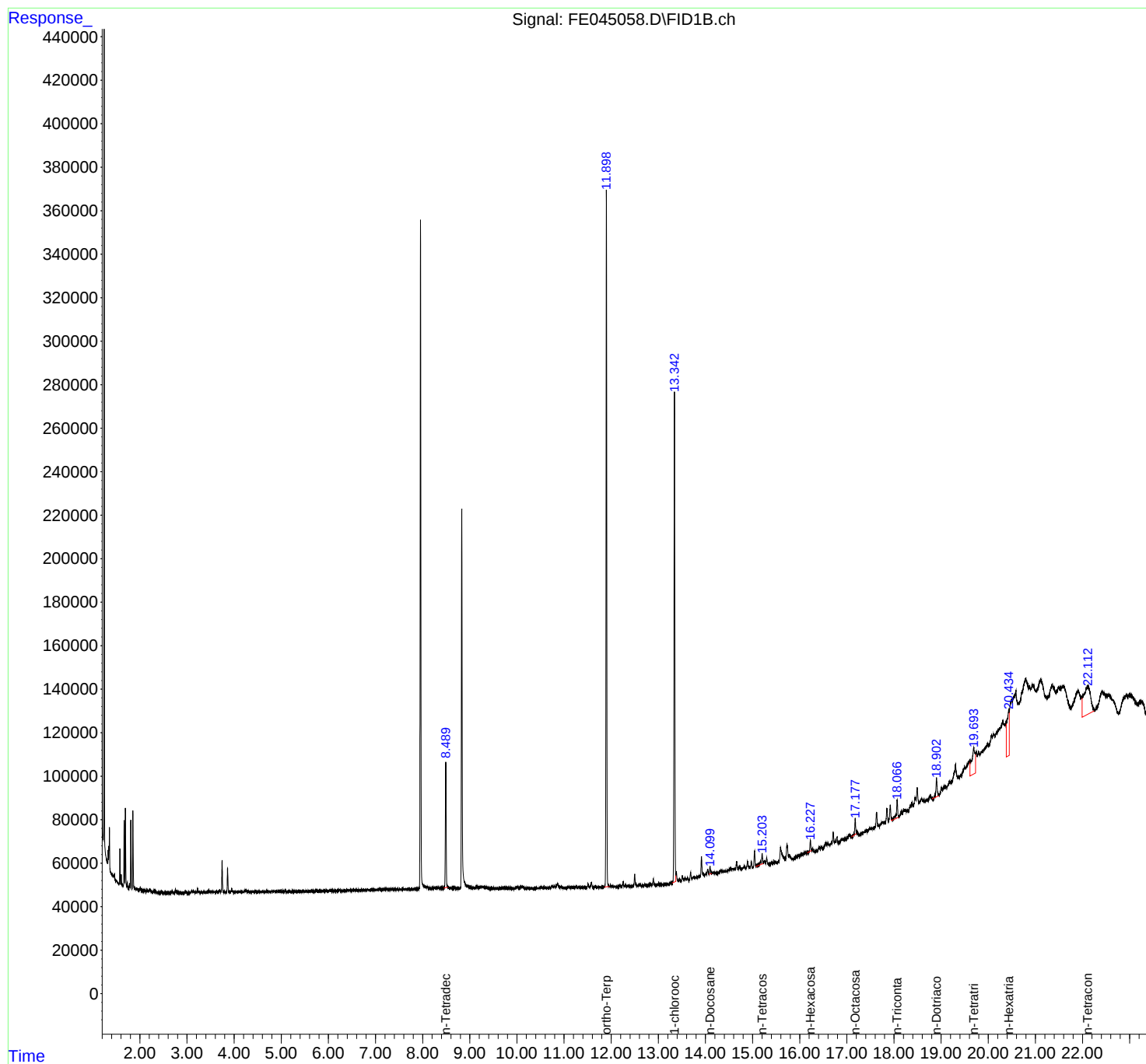
(f)=RT Delta > 1/2 Window

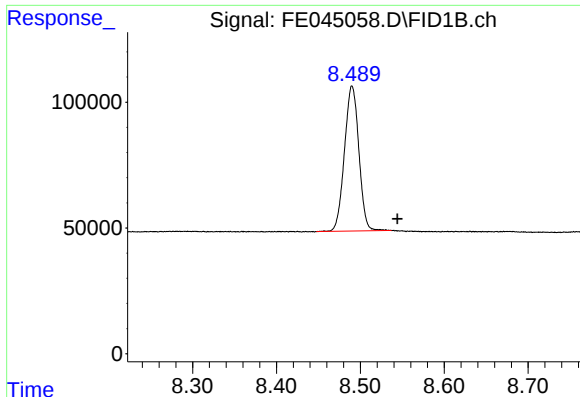
(m)=manual int.

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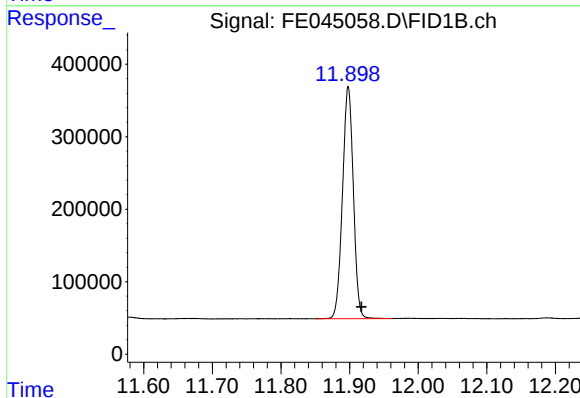
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





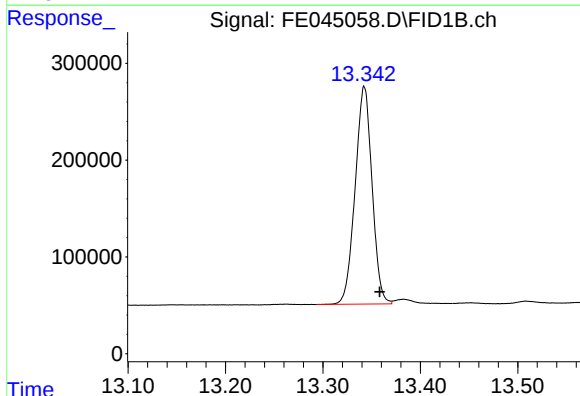
#6 n-Tetradecane (C14)

R.T.: 8.490 min  
Delta R.T.: -0.054 min  
Response: 687675  
Conc: 4.01 ug/ml



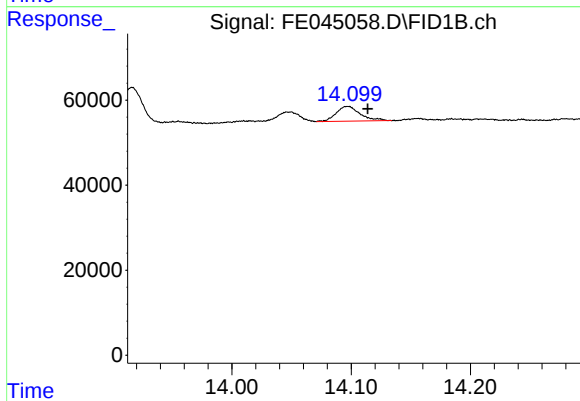
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min  
Delta R.T.: -0.019 min  
Response: 3514448  
Conc: 17.53 ug/ml



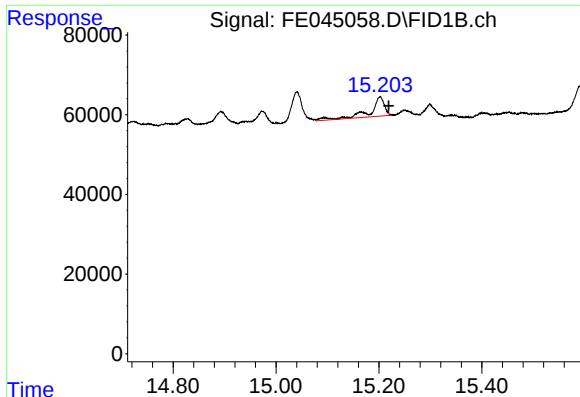
#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min  
Delta R.T.: -0.016 min  
Response: 2707251  
Conc: 18.29 ug/ml



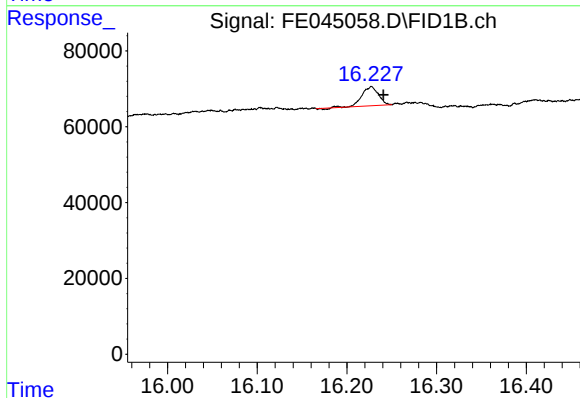
#13 n-Docosane (C22)

R.T.: 14.097 min  
Delta R.T.: -0.017 min  
Response: 48752  
Conc: 0.30 ug/ml



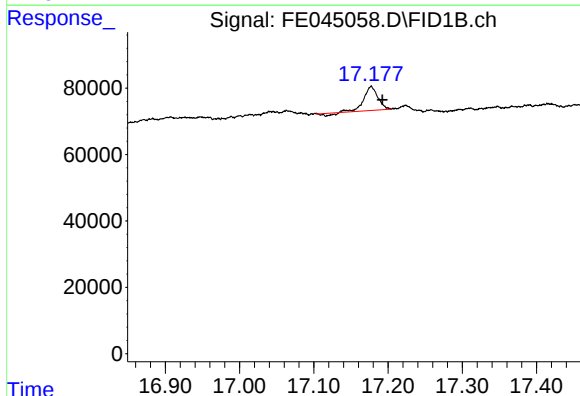
#14 n-Tetracosane (C24)

R.T.: 15.203 min  
Delta R.T.: -0.016 min  
Response: 92956  
Conc: 0.60 ug/ml



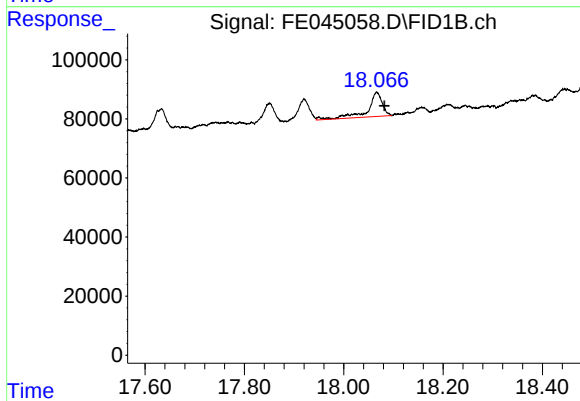
#15 n-Hexacosane (C26)

R.T.: 16.227 min  
Delta R.T.: -0.013 min  
Response: 63835  
Conc: 0.43 ug/ml



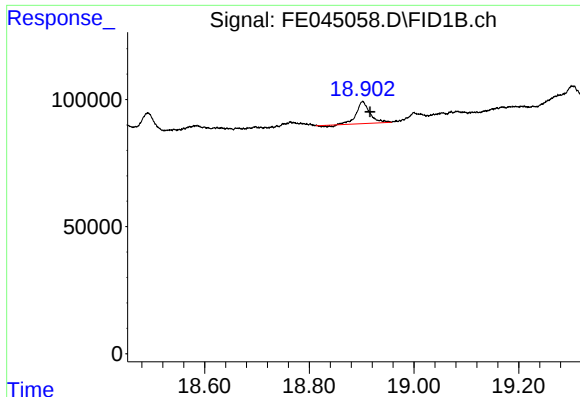
#16 n-Octacosane (C28)

R.T.: 17.177 min  
Delta R.T.: -0.015 min  
Response: 90911  
Conc: 0.62 ug/ml



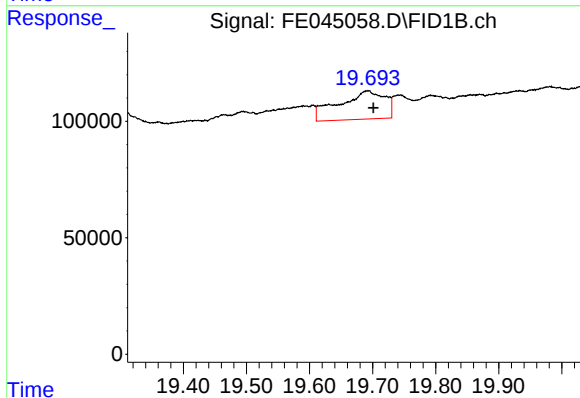
#17 n-Tricontane (C30)

R.T.: 18.066 min  
Delta R.T.: -0.015 min  
Response: 169206  
Conc: 1.14 ug/ml



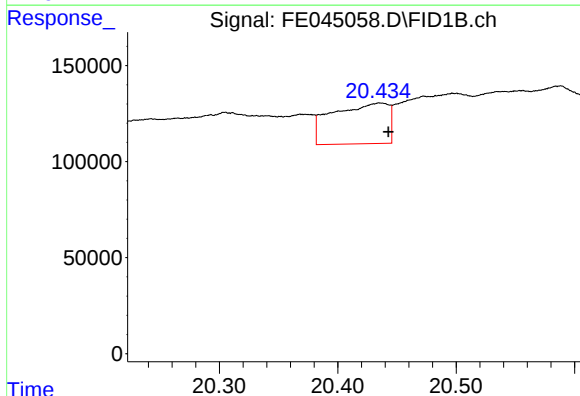
#18 n-Dotriacontane (C32)

R.T.: 18.902 min  
Delta R.T.: -0.014 min  
Response: 152468  
Conc: 1.02 ug/ml



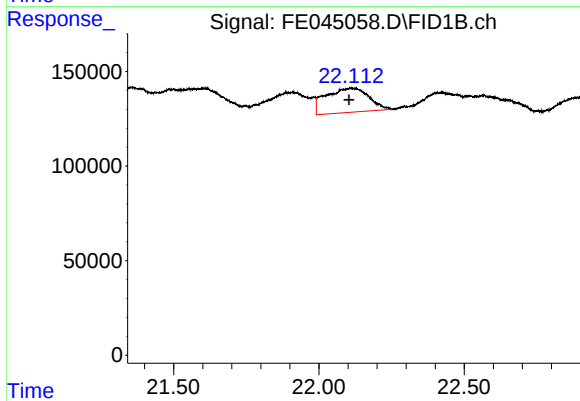
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min  
Delta R.T.: -0.008 min  
Response: 612823  
Conc: 4.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.436 min  
Delta R.T.: -0.007 min  
Response: 696969  
Conc: 4.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.109 min  
Delta R.T.: 0.006 min  
Response: 1341111  
Conc: 8.02 ug/ml