

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060823AL\  
 Data File : FE042506.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Jun 2023 19:32  
 Operator : YP\AJ  
 Sample : 03086-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 09 02:12:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 18 06:27:12 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)    | 11.986  | 1127938    | 6.388 ug/ml  |
| Spiked Amount 50.000           |         | Recovery = | 12.78%       |
| 12) S 1-chlorooctadecane (S... | 13.386  | 5066007    | 38.125 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 76.25%       |
| Target Compounds               |         |            |              |
| 3) T A~Naphthalene (C11.7)     | 6.287   | 261528     | 1.603 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.383   | 221006     | 1.393 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.198  | 285384     | 1.832 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.710f | 552559     | 3.494 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.954  | 352793     | 2.327 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.571  | 686345     | 4.633 ug/ml  |
| 13) T n-Docosane (C22)         | 14.170  | 981904     | 6.698 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.229  | 4107911    | 28.457 ug/ml |
| 16) T n-Octacosane (C28)       | 17.227  | 1069600    | 7.989 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.088  | 586115     | 4.342 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.886f | 729083     | 5.458 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.435  | 236909     | 1.823 ug/ml  |
| -----                          |         |            |              |

(f)=RT Delta > 1/2 Window

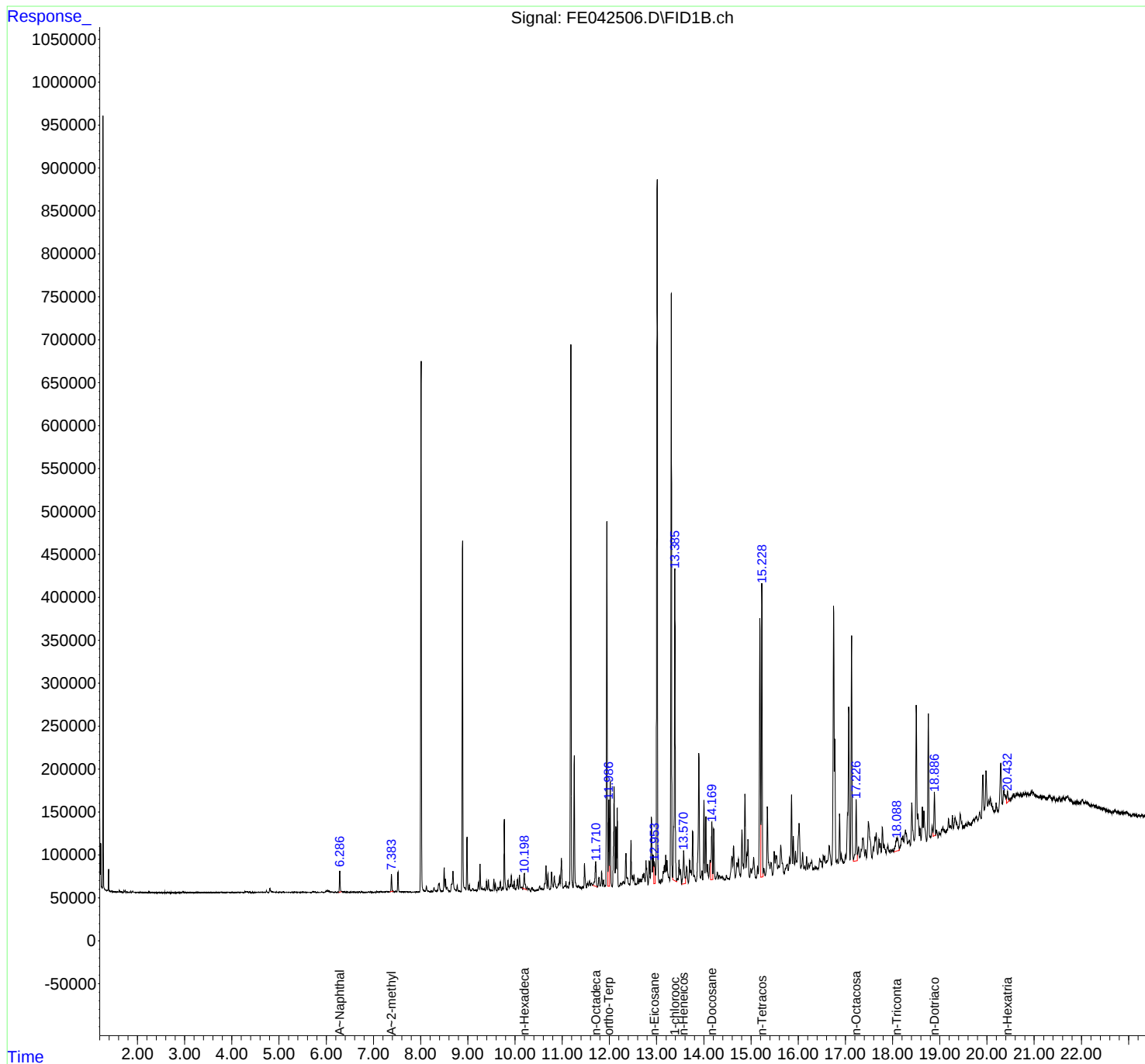
(m)=manual int.

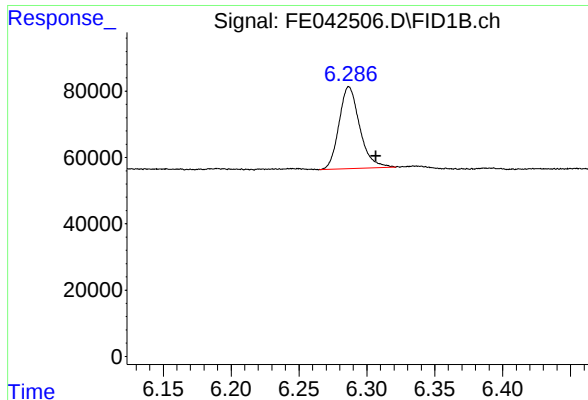
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





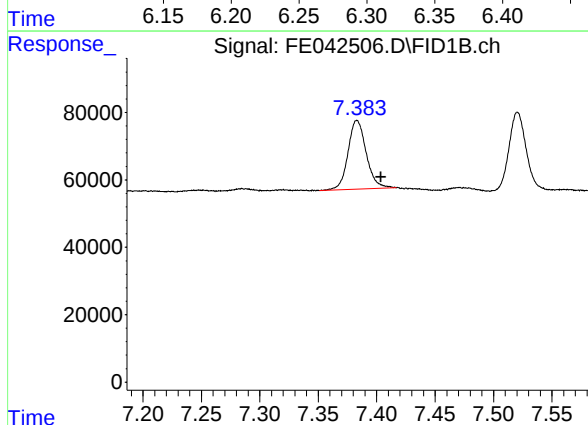
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min  
Delta R.T.: -0.020 min  
Response: 261528  
Conc: 1.60 ug/ml

Instrument :

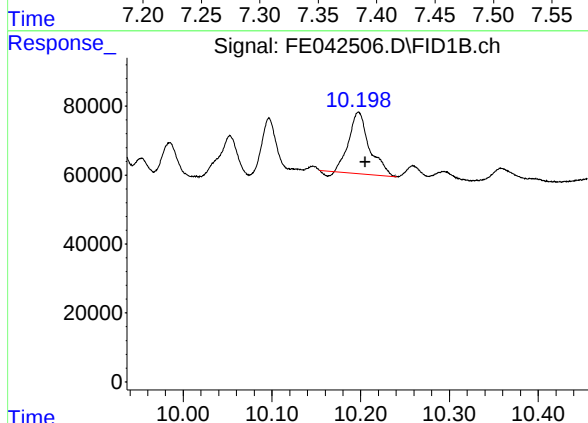
FID\_E

ClientSampleId :



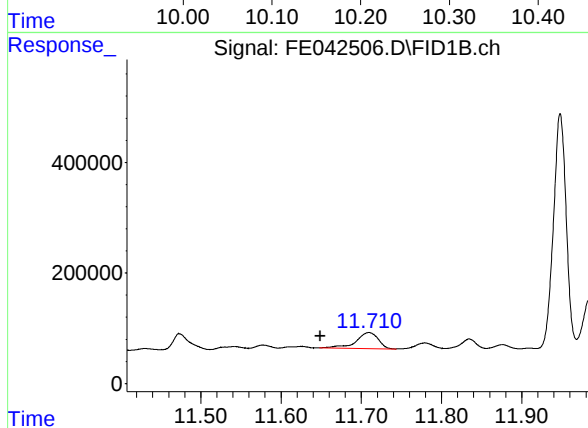
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.383 min  
Delta R.T.: -0.021 min  
Response: 221006  
Conc: 1.39 ug/ml



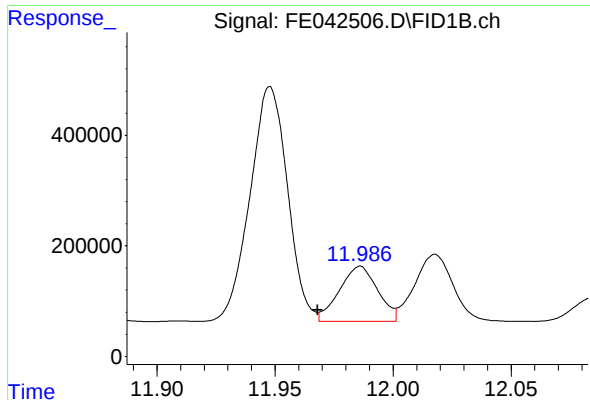
#7 n-Hexadecane (C16)

R.T.: 10.198 min  
Delta R.T.: -0.008 min  
Response: 285384  
Conc: 1.83 ug/ml



#8 n-Octadecane (C18)

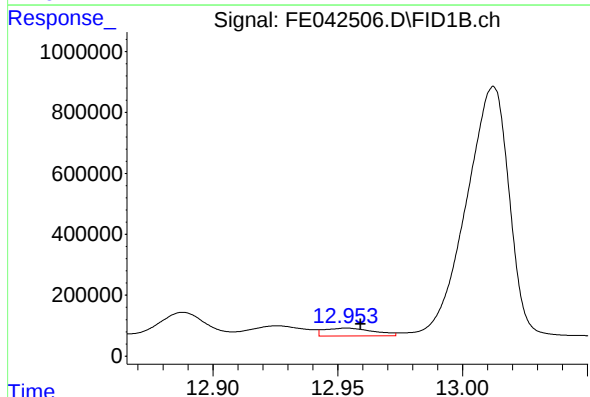
R.T.: 11.710 min  
Delta R.T.: 0.060 min  
Response: 552559  
Conc: 3.49 ug/ml



#9 ortho-Terphenyl (SURR)

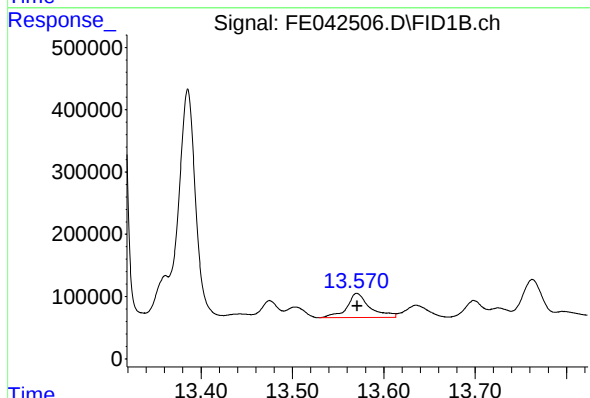
R.T.: 11.986 min  
Delta R.T.: 0.018 min  
Response: 1127938  
Conc: 6.39 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



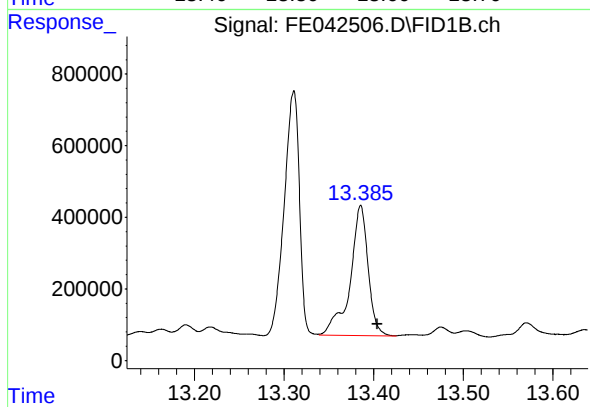
#10 n-Eicosane (C20)

R.T.: 12.954 min  
Delta R.T.: -0.005 min  
Response: 352793  
Conc: 2.33 ug/ml



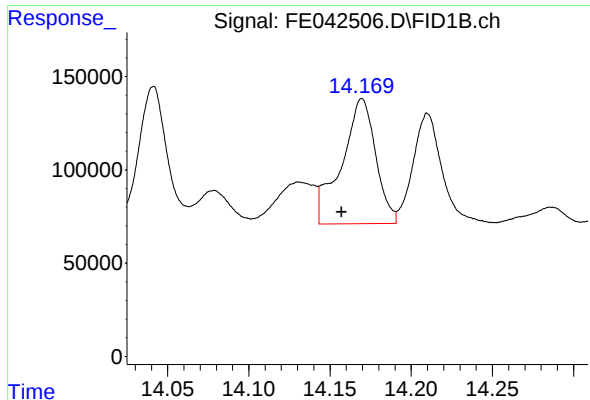
#11 n-Heneicosane (C21)

R.T.: 13.571 min  
Delta R.T.: 0.000 min  
Response: 686345  
Conc: 4.63 ug/ml



#12 1-chlorooctadecane (SURR)

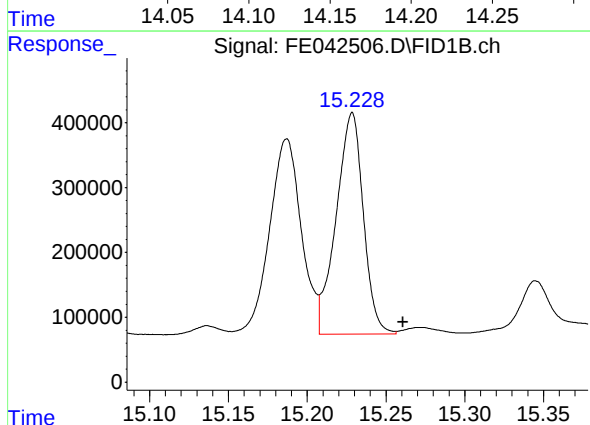
R.T.: 13.386 min  
Delta R.T.: -0.019 min  
Response: 5066007  
Conc: 38.13 ug/ml



#13 n-Docosane (C22)

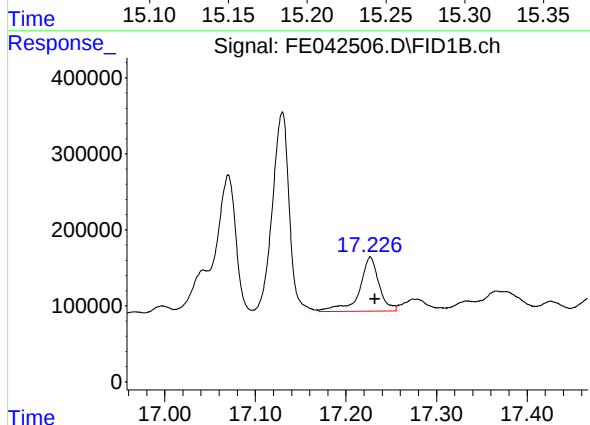
R.T.: 14.170 min  
Delta R.T.: 0.013 min  
Response: 981904  
Conc: 6.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



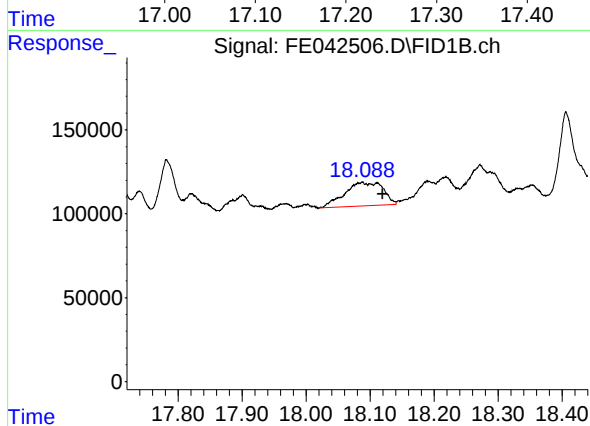
#14 n-Tetracosane (C24)

R.T.: 15.229 min  
Delta R.T.: -0.032 min  
Response: 4107911  
Conc: 28.46 ug/ml



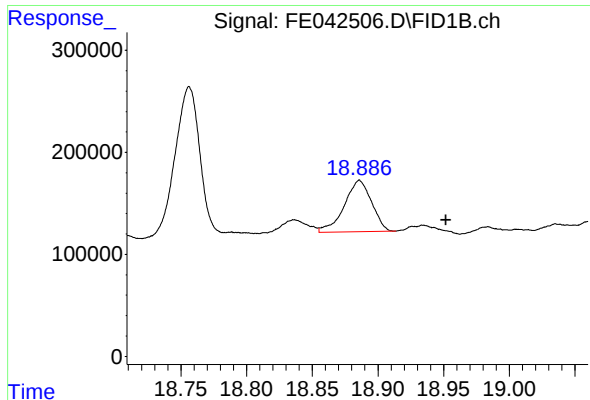
#16 n-Octacosane (C28)

R.T.: 17.227 min  
Delta R.T.: -0.005 min  
Response: 1069600  
Conc: 7.99 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.088 min  
Delta R.T.: -0.032 min  
Response: 586115  
Conc: 4.34 ug/ml



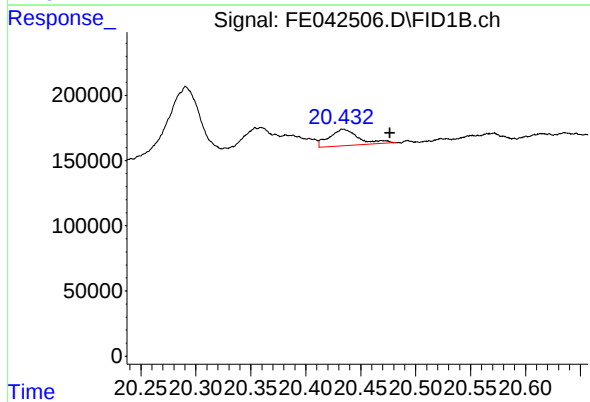
#18 n-Dotriacontane (C32)

R.T.: 18.886 min  
Delta R.T.: -0.066 min  
Response: 729083  
Conc: 5.46 ug/ml

Instrument :

FID\_E

ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min  
Delta R.T.: -0.042 min  
Response: 236909  
Conc: 1.82 ug/ml