

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100924AL\  
 Data File : FE050557.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Oct 2024 20:08  
 Operator : YP\AJ  
 Sample : PB163984BSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 09 02:10:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.297 | 3567687    | 30.160 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 60.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.252  | 2625765    | 18.584 ug/ml |
| 2) T n-Decane (C10)            | 4.502  | 3208113    | 22.360 ug/ml |
| 4) T n-Dodecane (C12)          | 6.669  | 3739782    | 25.983 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.496  | 4025018    | 28.134 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.102 | 4376710    | 29.739 ug/ml |
| 8) T n-Octadecane (C18)        | 11.544 | 4718802    | 31.591 ug/ml |
| 10) T n-Eicosane (C20)         | 12.851 | 4975623    | 34.697 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.462 | 4824015    | 34.351 ug/ml |
| 13) T n-Docosane (C22)         | 14.047 | 4821604    | 34.368 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.150 | 4797751    | 33.960 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.169 | 4797525    | 34.094 ug/ml |
| 16) T n-Octacosane (C28)       | 17.118 | 4831109    | 33.015 ug/ml |
| 17) T n-Tricontane (C30)       | 18.005 | 5004695    | 31.476 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.836 | 5083658    | 31.359 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.619 | 5244416    | 35.703 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.359 | 5186728    | 40.900 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.083 | 5318788    | 43.016 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.971 | 4917379    | 44.161 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

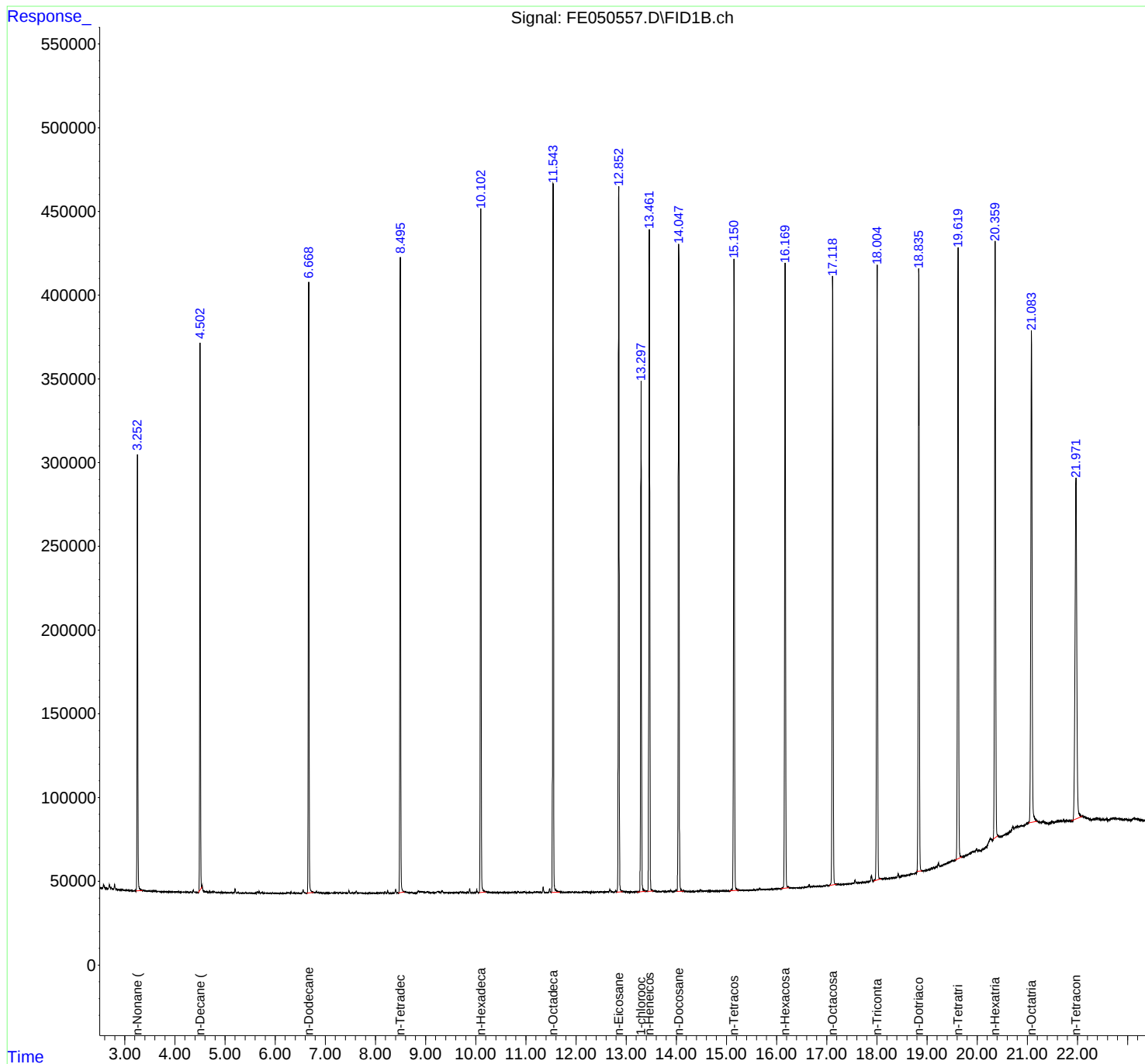
(m)=manual int.

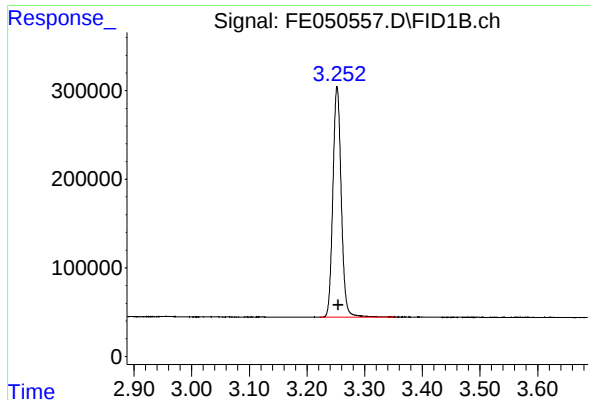
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Integrator: ChemStation

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

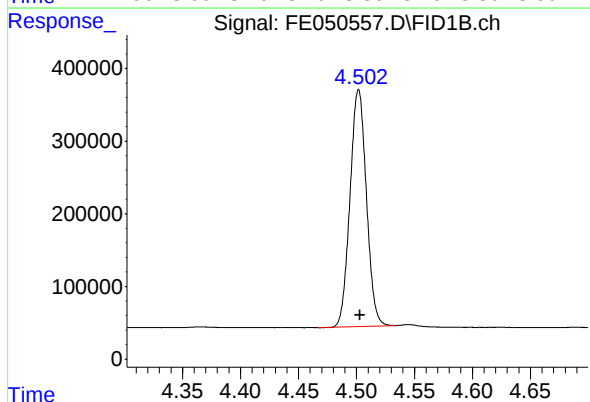




#1 n-Nonane (C9)

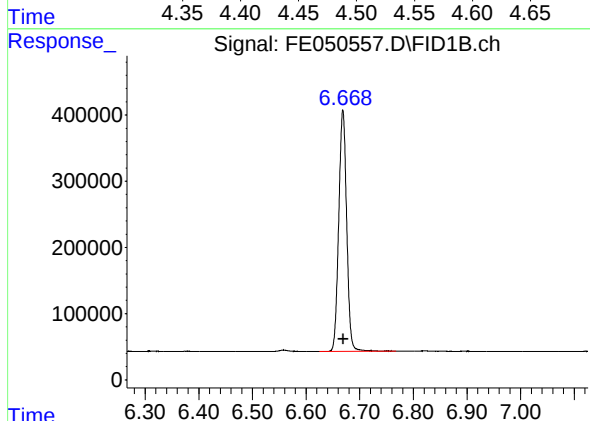
R.T.: 3.252 min  
Delta R.T.: -0.002 min  
Response: 2625765  
Conc: 18.58 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



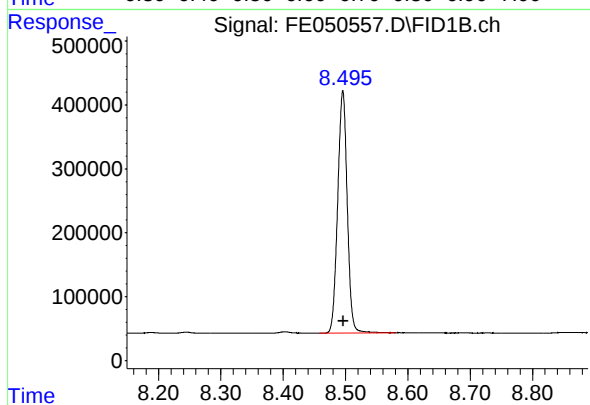
#2 n-Decane (C10)

R.T.: 4.502 min  
Delta R.T.: -0.001 min  
Response: 3208113  
Conc: 22.36 ug/ml



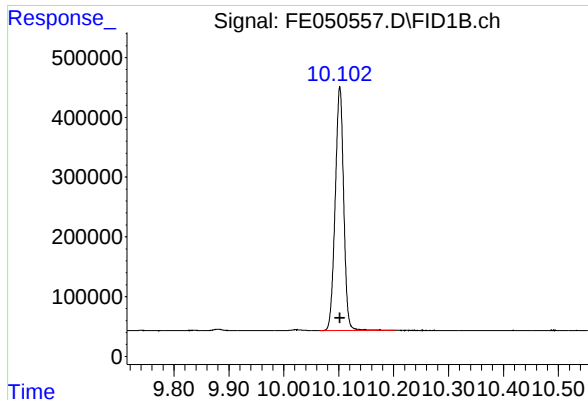
#4 n-Dodecane (C12)

R.T.: 6.669 min  
Delta R.T.: -0.001 min  
Response: 3739782  
Conc: 25.98 ug/ml



#6 n-Tetradecane (C14)

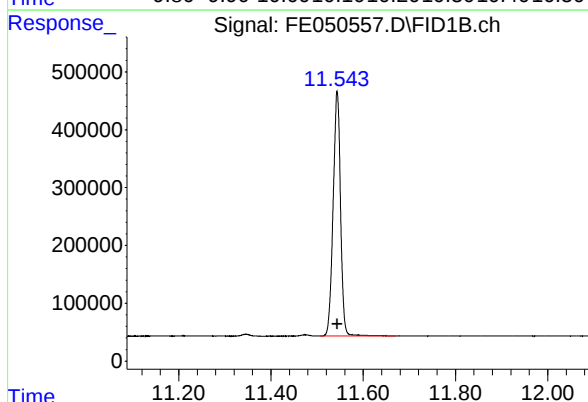
R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 4025018  
Conc: 28.13 ug/ml



#7 n-Hexadecane (C16)

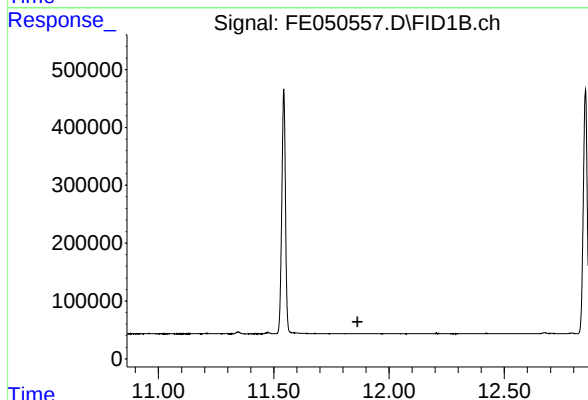
R.T.: 10.102 min  
Delta R.T.: 0.000 min  
Response: 4376710  
Conc: 29.74 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



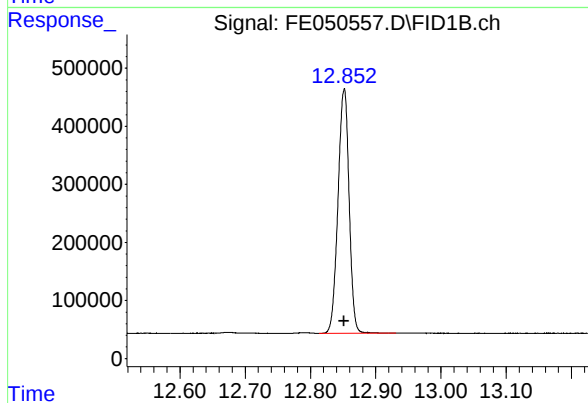
#8 n-Octadecane (C18)

R.T.: 11.544 min  
Delta R.T.: 0.000 min  
Response: 4718802  
Conc: 31.59 ug/ml



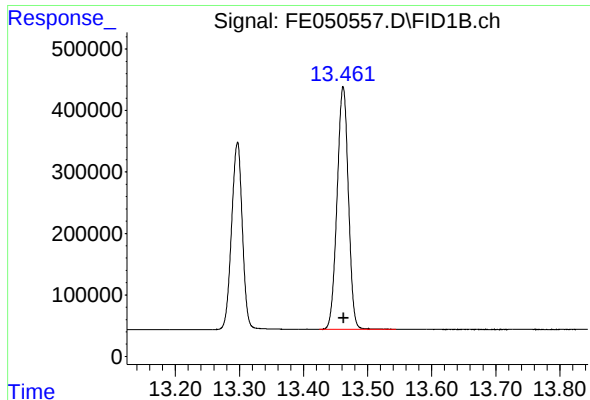
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 11.863 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.851 min  
Delta R.T.: 0.000 min  
Response: 4975623  
Conc: 34.70 ug/ml



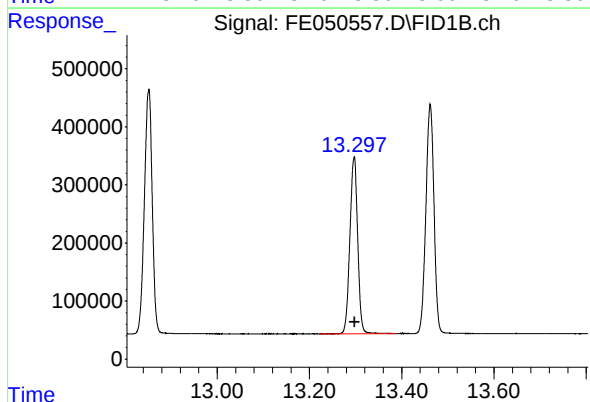
#11 n-Heneicosane (C21)

R.T.: 13.462 min  
Delta R.T.: 0.000 min  
Response: 4824015  
Conc: 34.35 ug/ml

Instrument :

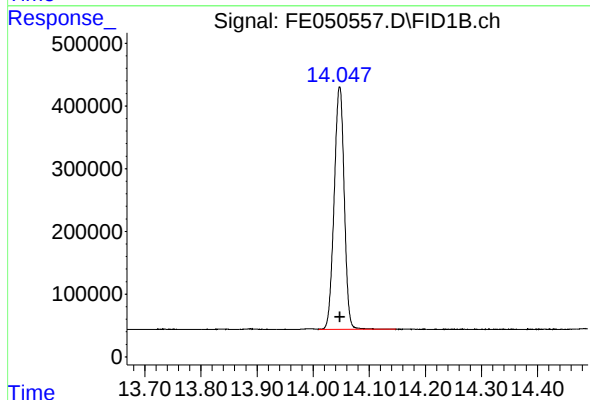
FID\_E

ClientSampleId :



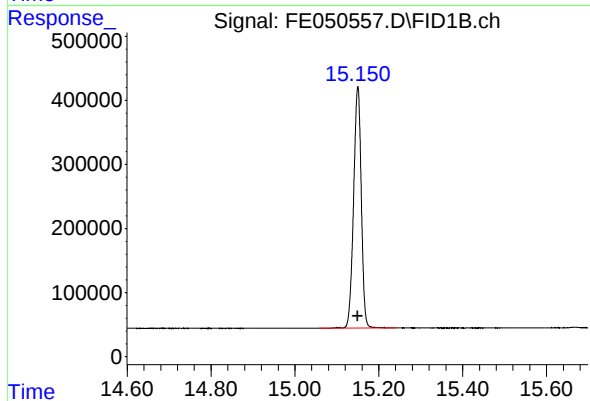
#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min  
Delta R.T.: -0.001 min  
Response: 3567687  
Conc: 30.16 ug/ml



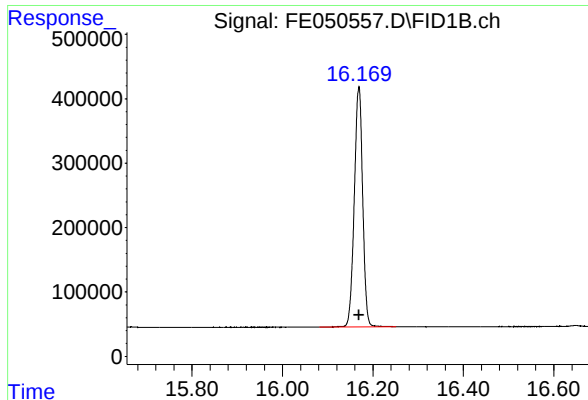
#13 n-Docosane (C22)

R.T.: 14.047 min  
Delta R.T.: 0.000 min  
Response: 4821604  
Conc: 34.37 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.150 min  
Delta R.T.: 0.000 min  
Response: 4797751  
Conc: 33.96 ug/ml



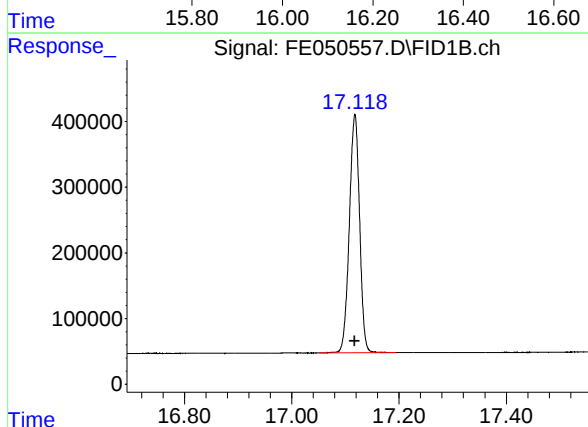
#15 n-Hexacosane (C26)

R.T.: 16.169 min  
Delta R.T.: 0.000 min  
Response: 4797525  
Conc: 34.09 ug/ml

Instrument :

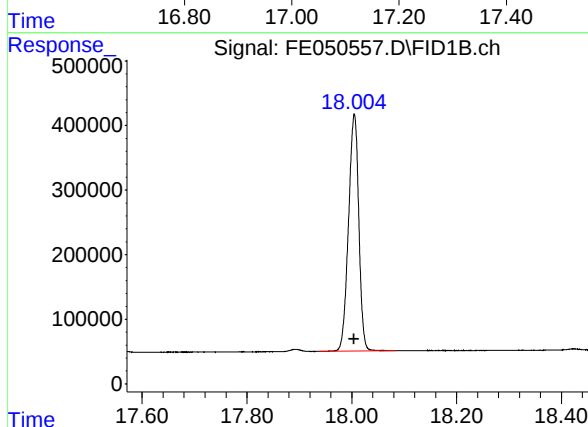
FID\_E

ClientSampleId :



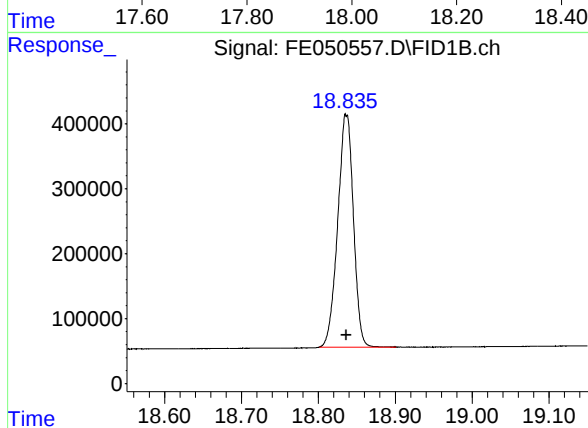
#16 n-Octacosane (C28)

R.T.: 17.118 min  
Delta R.T.: 0.000 min  
Response: 4831109  
Conc: 33.02 ug/ml



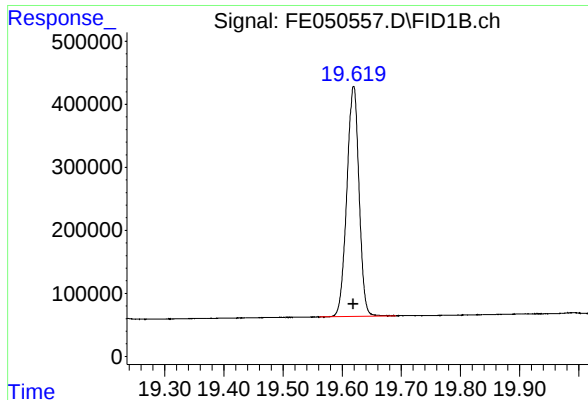
#17 n-Tricontane (C30)

R.T.: 18.005 min  
Delta R.T.: 0.000 min  
Response: 5004695  
Conc: 31.48 ug/ml



#18 n-Dotriacontane (C32)

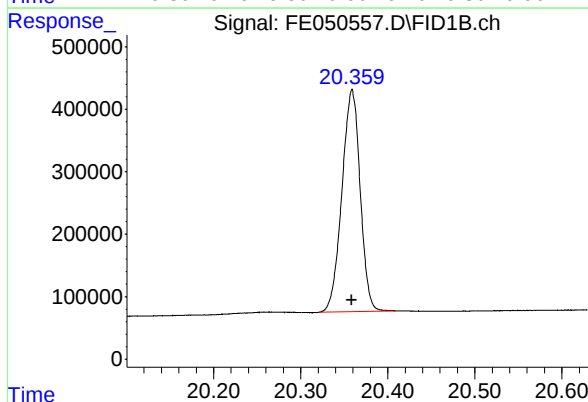
R.T.: 18.836 min  
Delta R.T.: 0.000 min  
Response: 5083658  
Conc: 31.36 ug/ml



#19 n-Tetratriacontane (C34)

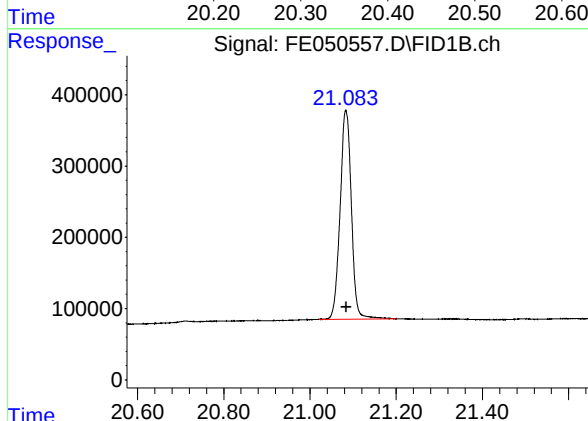
R.T.: 19.619 min  
Delta R.T.: 0.000 min  
Response: 5244416  
Conc: 35.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



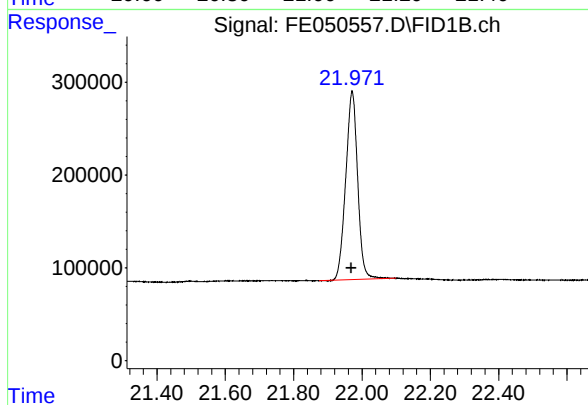
#20 n-Hexatriacontane (C36)

R.T.: 20.359 min  
Delta R.T.: 0.000 min  
Response: 5186728  
Conc: 40.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min  
Delta R.T.: 0.000 min  
Response: 5318788  
Conc: 43.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.971 min  
Delta R.T.: 0.002 min  
Response: 4917379  
Conc: 44.16 ug/ml