

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101623AL\  
 Data File : FC064835.D  
 Signal(s) : FID1A.ch  
 Acq On : 16 Oct 2023 10:53  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 17 01:06:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 101023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 10 12:17:45 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)    | 11.520 | 4637982    | 21.722 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.44%       |
| 12) S 1-chlorooctadecane (S... | 12.953 | 3214676    | 21.439 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.88%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.319  | 3991356    | 21.731 ug/ml |
| 2) T n-Decane (C10)            | 4.378  | 4021519    | 21.984 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.960  | 4173302    | 22.004 ug/ml |
| 4) T n-Dodecane (C12)          | 6.389  | 4092957    | 21.959 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.016  | 3939973    | 22.498 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.176  | 3932709    | 21.897 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.771  | 3922704    | 22.052 ug/ml |
| 8) T n-Octadecane (C18)        | 11.206 | 3919536    | 21.843 ug/ml |
| 10) T n-Eicosane (C20)         | 12.510 | 3739973    | 21.720 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.120 | 3658562    | 21.603 ug/ml |
| 13) T n-Docosane (C22)         | 13.702 | 3565753    | 21.641 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.801 | 3434791    | 21.580 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.816 | 3307239    | 21.590 ug/ml |
| 16) T n-Octacosane (C28)       | 16.764 | 3219964    | 21.850 ug/ml |
| 17) T n-Tricontane (C30)       | 17.645 | 3273382    | 22.373 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.474 | 3249605    | 22.505 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.256 | 3117009    | 22.153 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.991 | 2979163    | 21.533 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.713 | 2701238    | 20.392 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.597 | 2282771    | 18.240 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

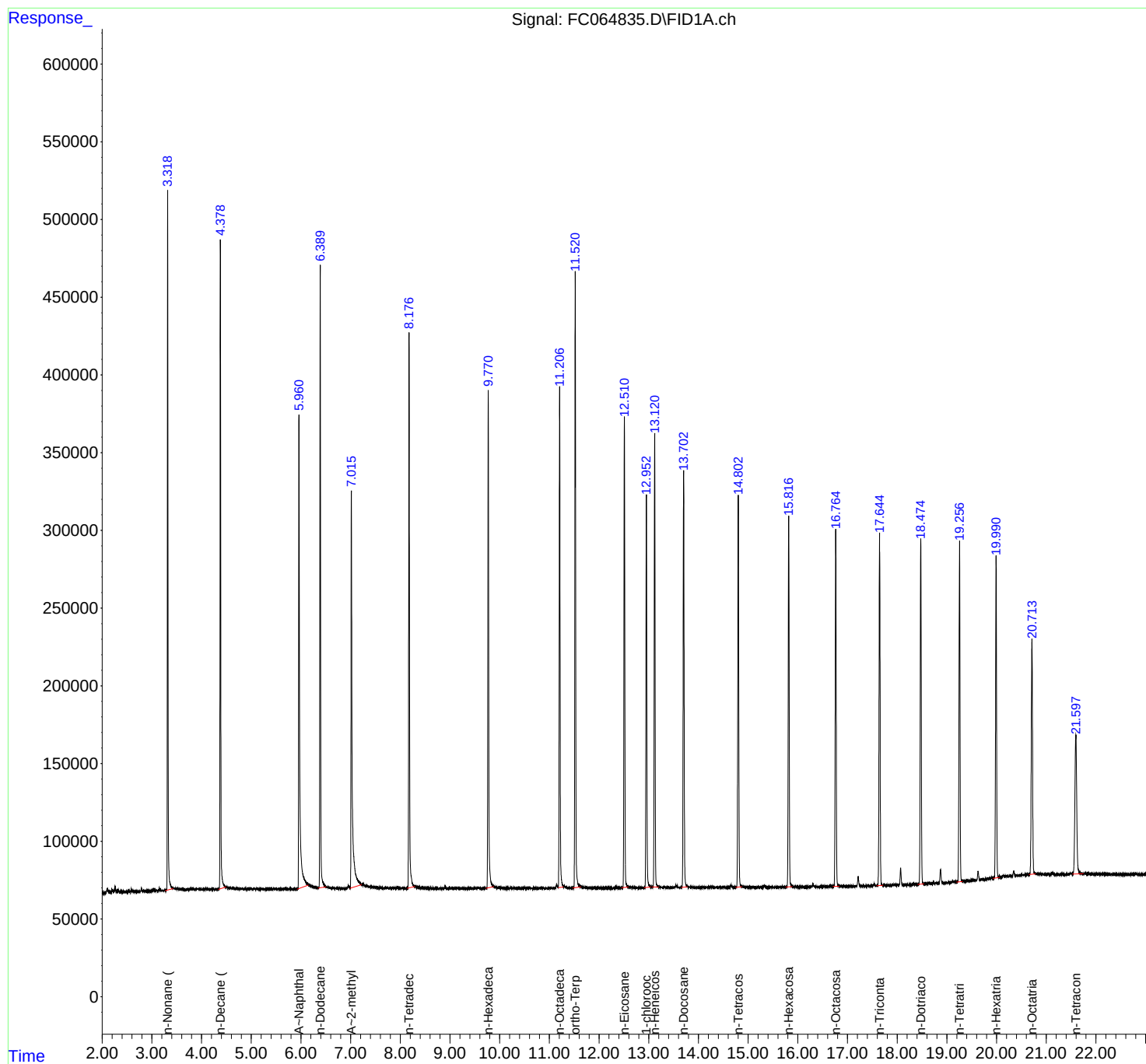
(m)=manual int.

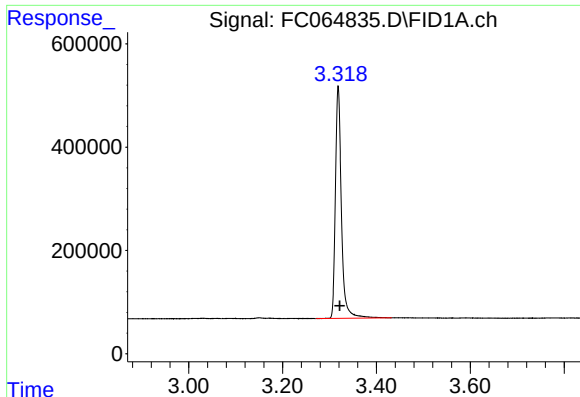
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101623AL\  
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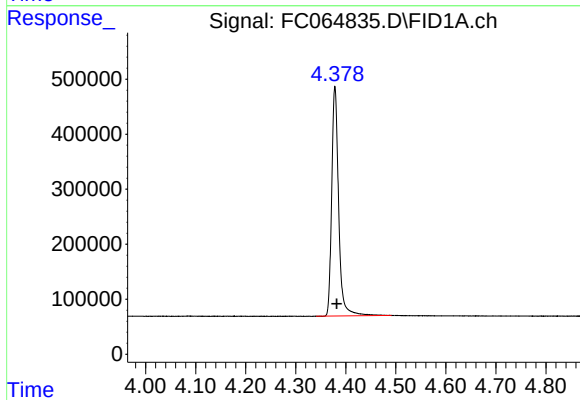




#1 n-Nonane (C9)

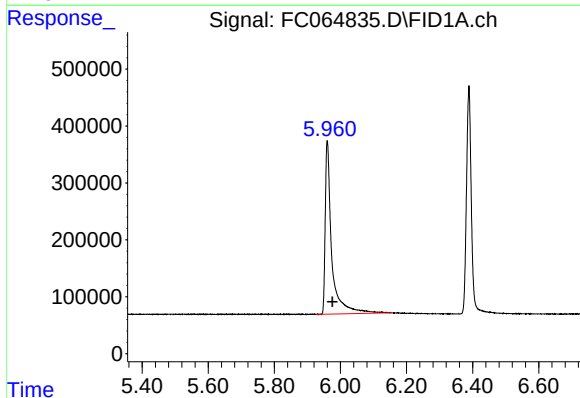
R.T.: 3.319 min  
Delta R.T.: -0.003 min  
Response: 3991356  
Conc: 21.73 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



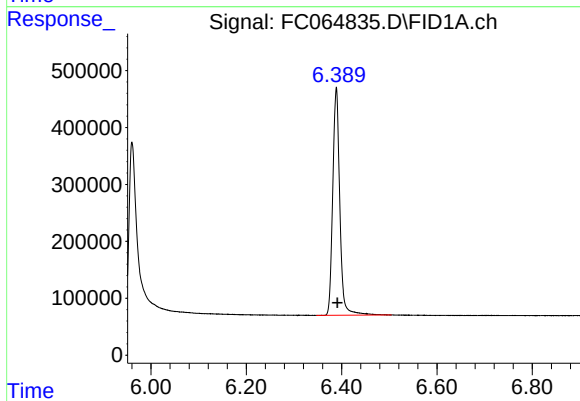
#2 n-Decane (C10)

R.T.: 4.378 min  
Delta R.T.: -0.003 min  
Response: 4021519  
Conc: 21.98 ug/ml



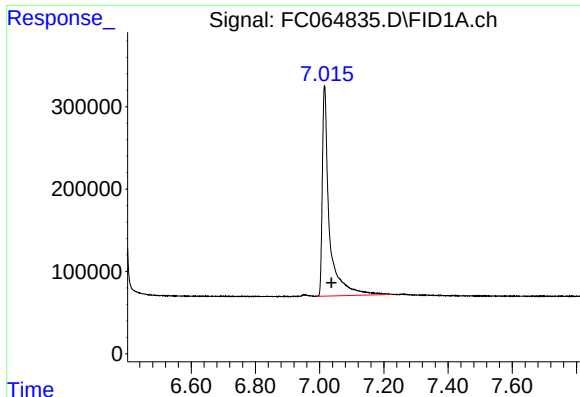
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min  
Delta R.T.: -0.015 min  
Response: 4173302  
Conc: 22.00 ug/ml



#4 n-Dodecane (C12)

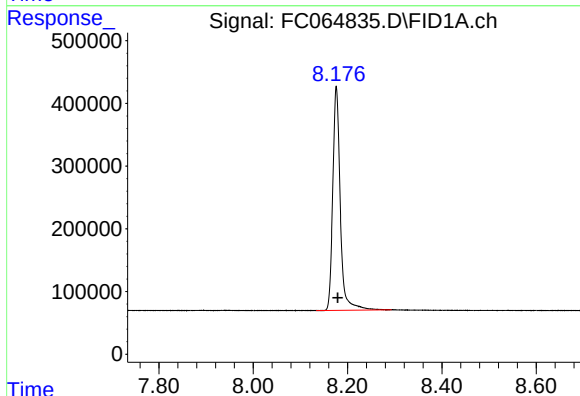
R.T.: 6.389 min  
Delta R.T.: -0.003 min  
Response: 4092957  
Conc: 21.96 ug/ml



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

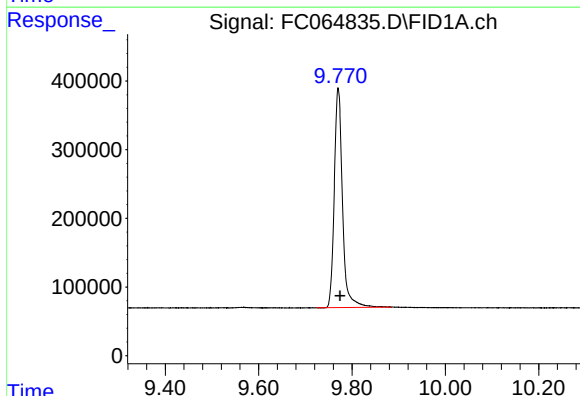
R.T.: 7.016 min  
Delta R.T.: -0.021 min  
Response: 3939973  
Conc: 22.50 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



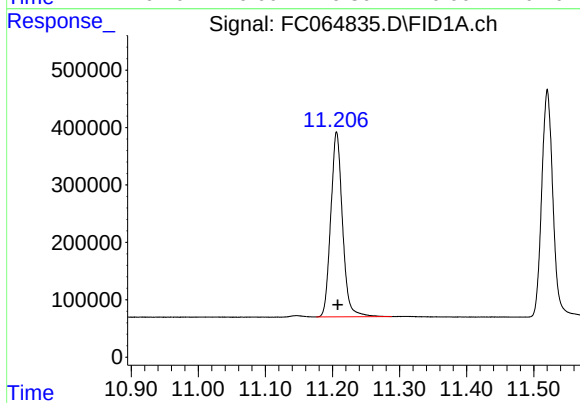
#6 n-Tetradecane (C14)

R.T.: 8.176 min  
Delta R.T.: -0.003 min  
Response: 3932709  
Conc: 21.90 ug/ml



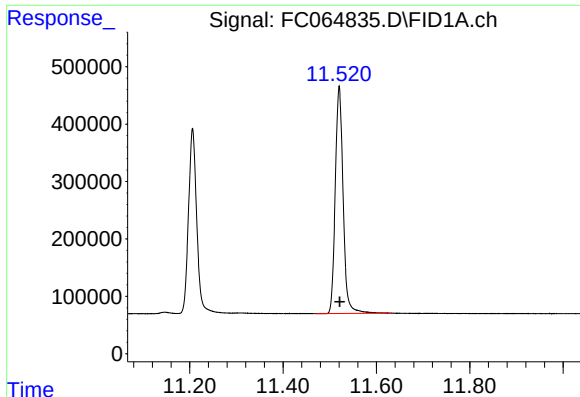
#7 n-Hexadecane (C16)

R.T.: 9.771 min  
Delta R.T.: -0.004 min  
Response: 3922704  
Conc: 22.05 ug/ml



#8 n-Octadecane (C18)

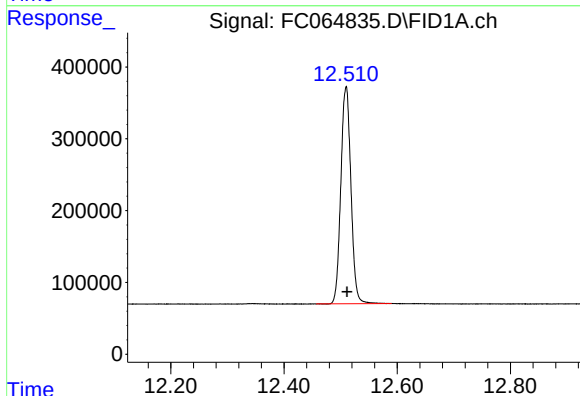
R.T.: 11.206 min  
Delta R.T.: -0.002 min  
Response: 3919536  
Conc: 21.84 ug/ml



#9 ortho-Terphenyl (SURR)

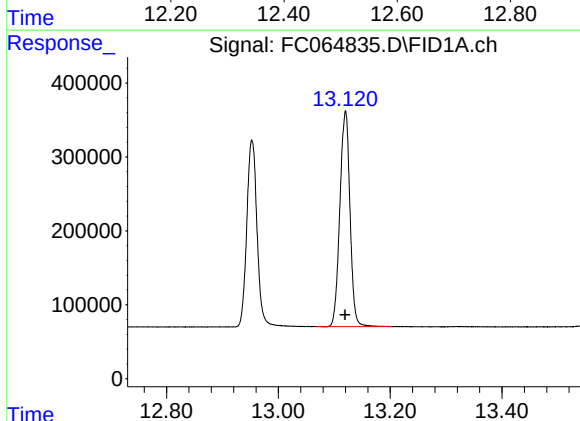
R.T.: 11.520 min  
Delta R.T.: -0.001 min  
Response: 4637982  
Conc: 21.72 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



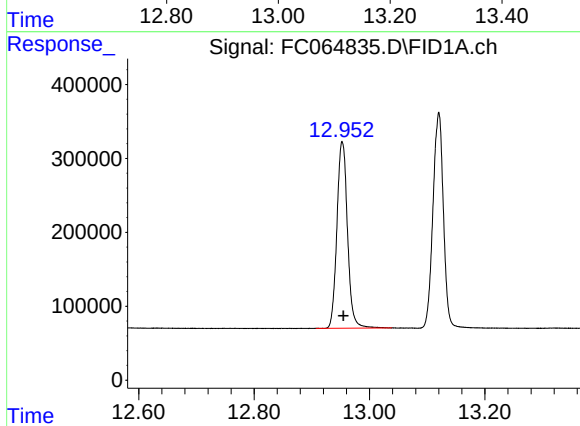
#10 n-Eicosane (C20)

R.T.: 12.510 min  
Delta R.T.: -0.002 min  
Response: 3739973  
Conc: 21.72 ug/ml



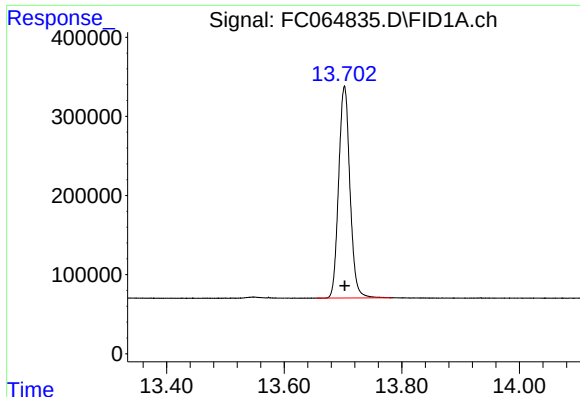
#11 n-Heneicosane (C21)

R.T.: 13.120 min  
Delta R.T.: 0.000 min  
Response: 3658562  
Conc: 21.60 ug/ml



#12 1-chlorooctadecane (SURR)

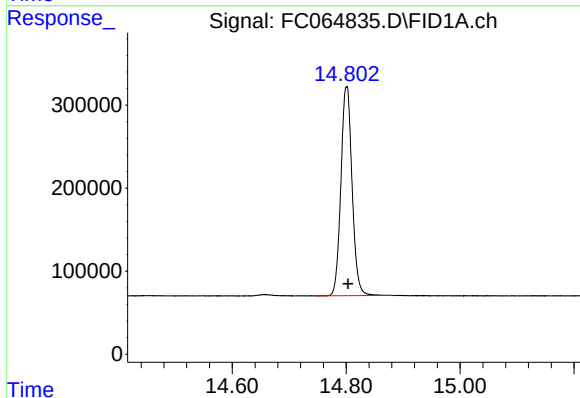
R.T.: 12.953 min  
Delta R.T.: -0.002 min  
Response: 3214676  
Conc: 21.44 ug/ml



#13 n-Docosane (C22)

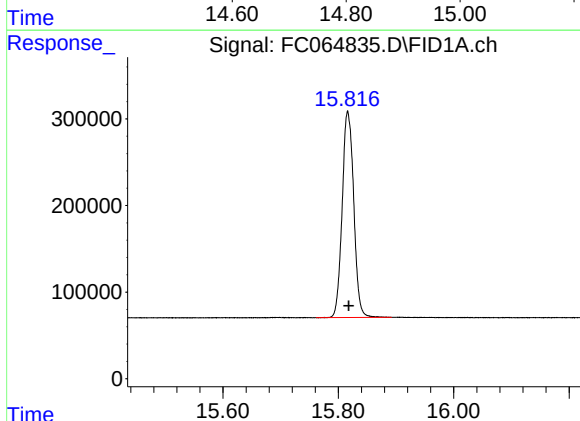
R.T.: 13.702 min  
Delta R.T.: 0.000 min  
Response: 3565753  
Conc: 21.64 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



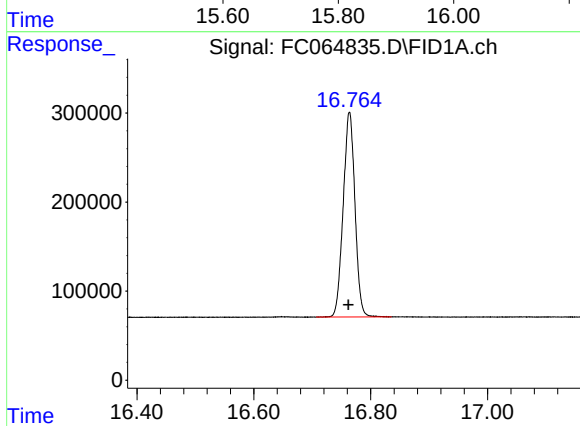
#14 n-Tetracosane (C24)

R.T.: 14.801 min  
Delta R.T.: -0.002 min  
Response: 3434791  
Conc: 21.58 ug/ml



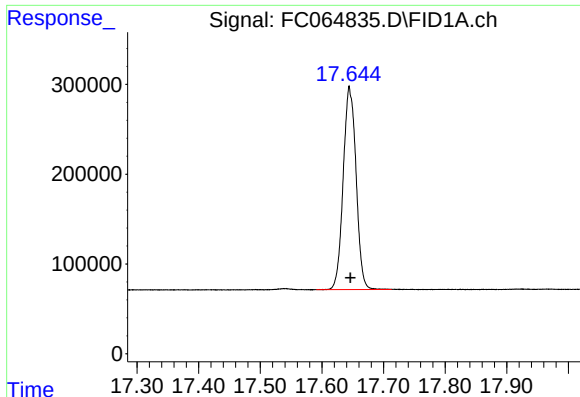
#15 n-Hexacosane (C26)

R.T.: 15.816 min  
Delta R.T.: -0.002 min  
Response: 3307239  
Conc: 21.59 ug/ml



#16 n-Octacosane (C28)

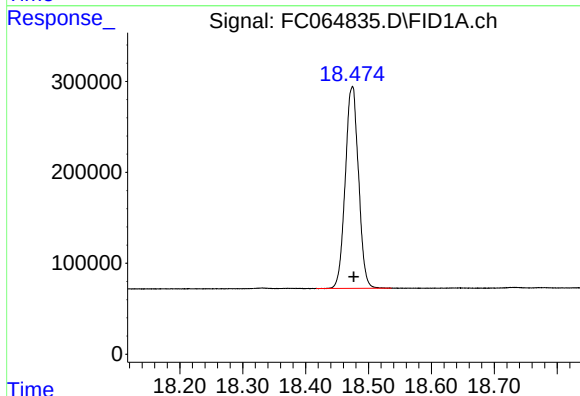
R.T.: 16.764 min  
Delta R.T.: 0.002 min  
Response: 3219964  
Conc: 21.85 ug/ml



#17 n-Tricontane (C30)

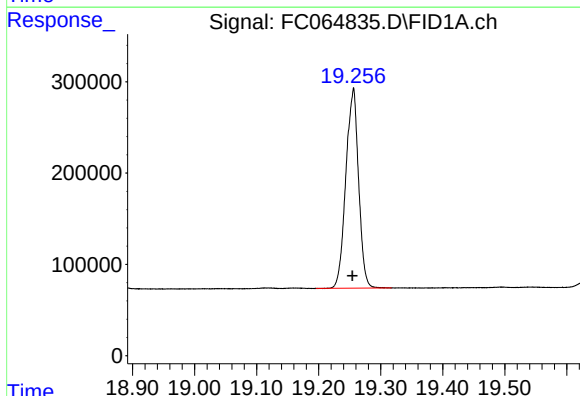
R.T.: 17.645 min  
Delta R.T.: -0.002 min  
Response: 3273382  
Conc: 22.37 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



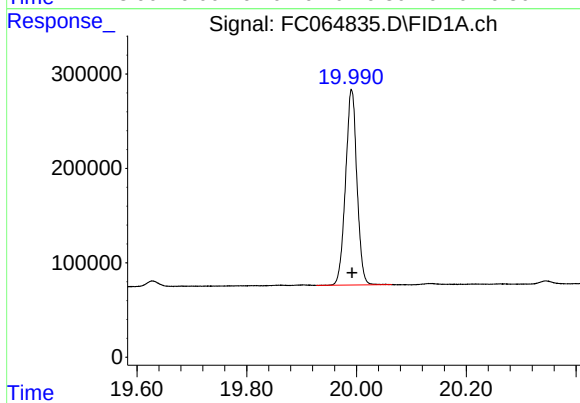
#18 n-Dotriacontane (C32)

R.T.: 18.474 min  
Delta R.T.: -0.002 min  
Response: 3249605  
Conc: 22.51 ug/ml



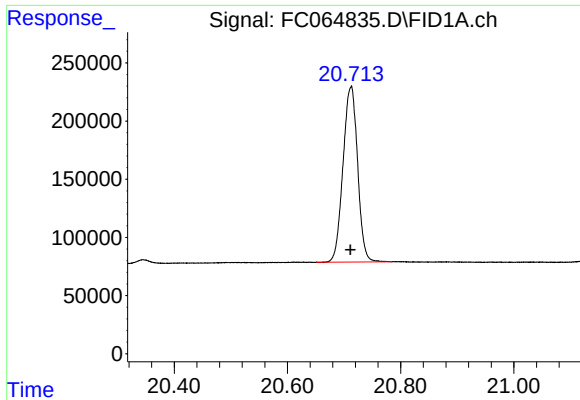
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min  
Delta R.T.: 0.002 min  
Response: 3117009  
Conc: 22.15 ug/ml



#20 n-Hexatriacontane (C36)

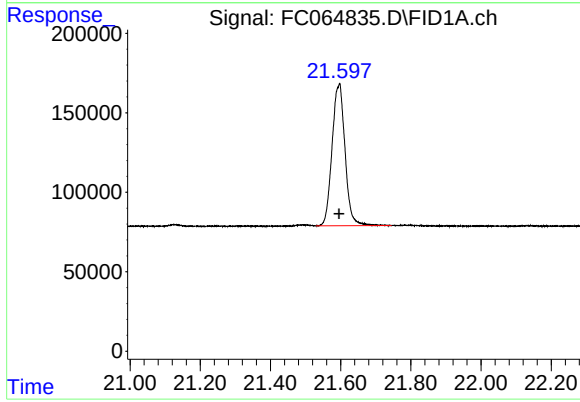
R.T.: 19.991 min  
Delta R.T.: -0.001 min  
Response: 2979163  
Conc: 21.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min  
Delta R.T.: 0.001 min  
Response: 2701238  
Conc: 20.39 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.597 min  
Delta R.T.: 0.001 min  
Response: 2282771  
Conc: 18.24 ug/ml