

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041825AL\  
 Data File : FC068643.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Apr 2025 21:04  
 Operator : YP/AJ  
 Sample : Q1828-01MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 RT4643MSD

Integration File: autoint1.e  
 Quant Time: Apr 19 00:27:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 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)    | 11.719 | 3797295    | 29.821 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 59.64%       |
| 12) S 1-chlorooctadecane (S... | 13.152 | 2863483    | 30.825 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 61.65%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.449  | 3008499    | 28.564 ug/ml |
| 2) T n-Decane (C10)            | 4.524  | 3293352    | 31.258 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.120  | 3851378    | 33.070 ug/ml |
| 4) T n-Dodecane (C12)          | 6.548  | 3342205    | 31.781 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.179  | 3553261    | 30.765 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.348  | 3401420    | 33.086 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.951  | 3533851    | 34.700 ug/ml |
| 8) T n-Octadecane (C18)        | 11.394 | 3600096    | 35.775 ug/ml |
| 10) T n-Eicosane (C20)         | 12.707 | 3709246    | 37.711 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.319 | 3550554    | 36.432 ug/ml |
| 13) T n-Docosane (C22)         | 13.907 | 3544320    | 36.693 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.005 | 7649724    | 80.367 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.036 | 3484107    | 37.301 ug/ml |
| 16) T n-Octacosane (C28)       | 16.986 | 3582034    | 39.123 ug/ml |
| 17) T n-Tricontane (C30)       | 17.876 | 3587821    | 39.027 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.710 | 3600711    | 39.254 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.496 | 3549286    | 39.728 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.237 | 3362587    | 37.538 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.015 | 3299658    | 37.321 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.997 | 3254479    | 36.855 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

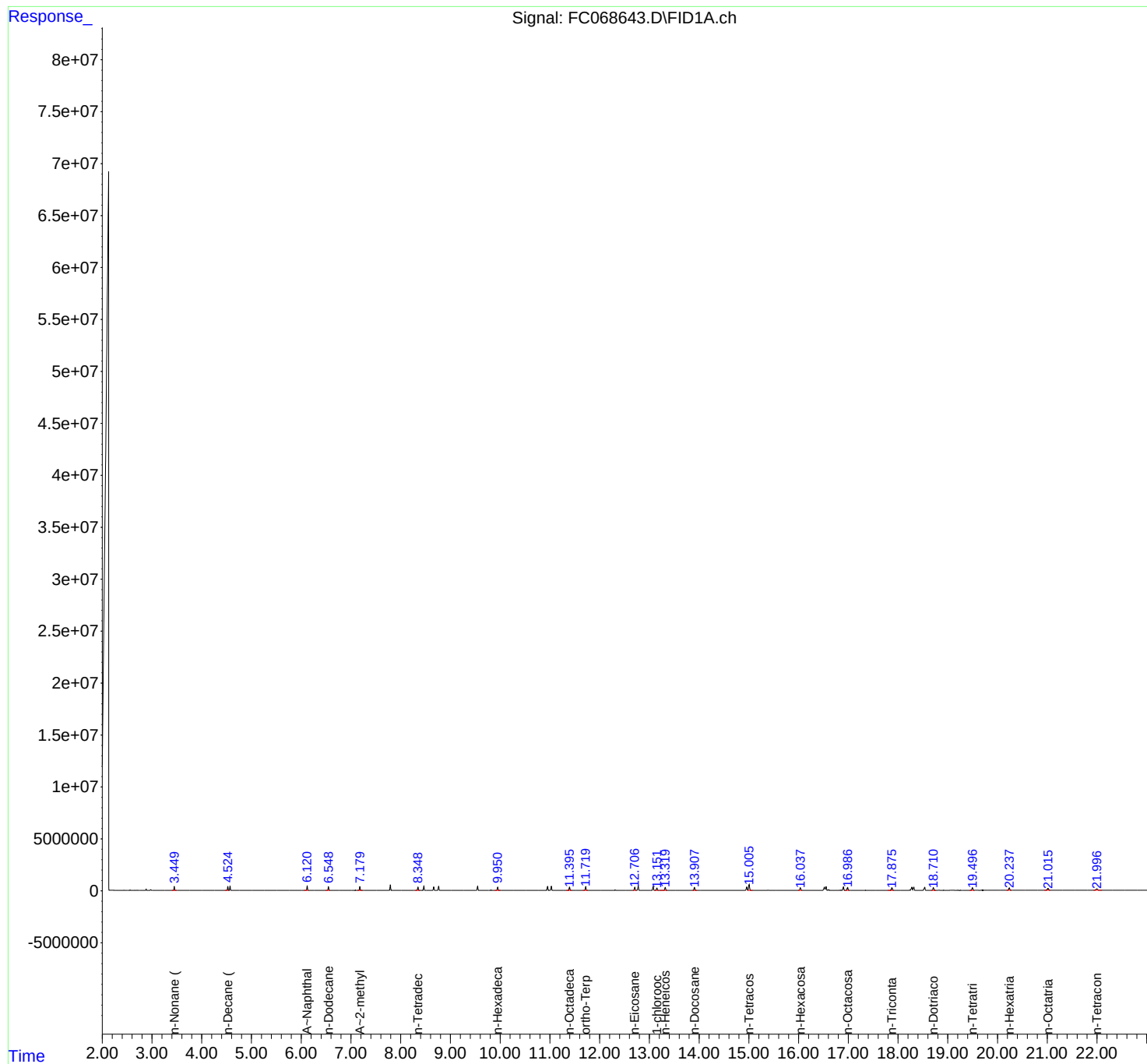
(m)=manual int.

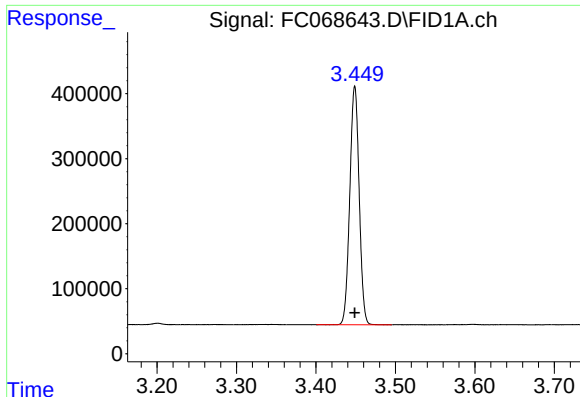
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041825AL\  
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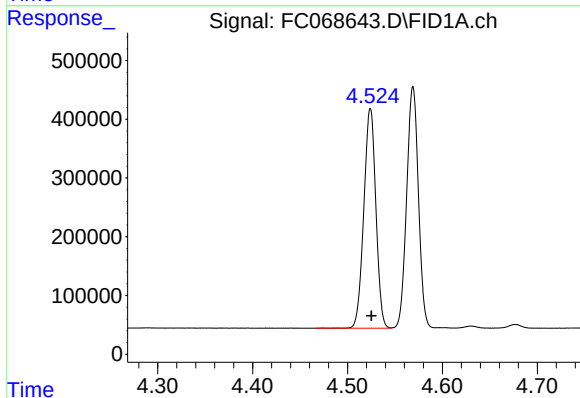




#1 n-Nonane (C9)

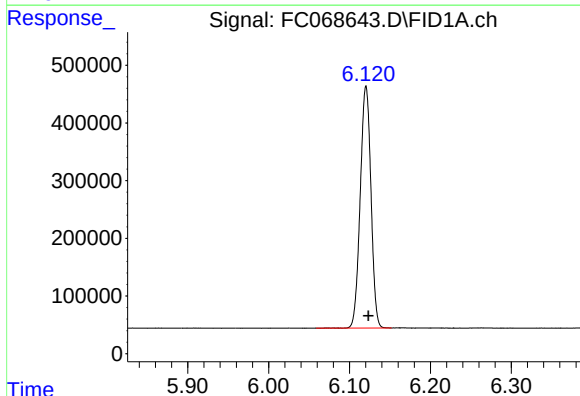
R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 3008499  
Conc: 28.56 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
RT4643MSD



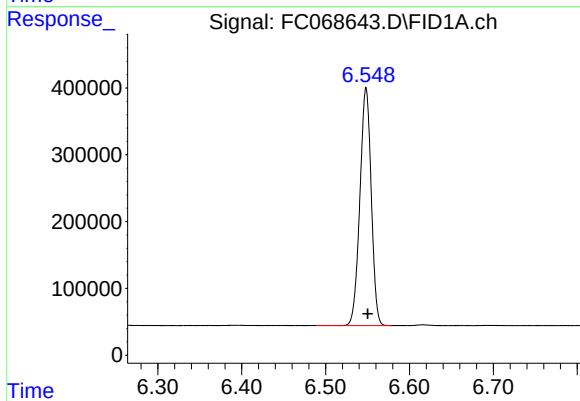
#2 n-Decane (C10)

R.T.: 4.524 min  
Delta R.T.: -0.001 min  
Response: 3293352  
Conc: 31.26 ug/ml



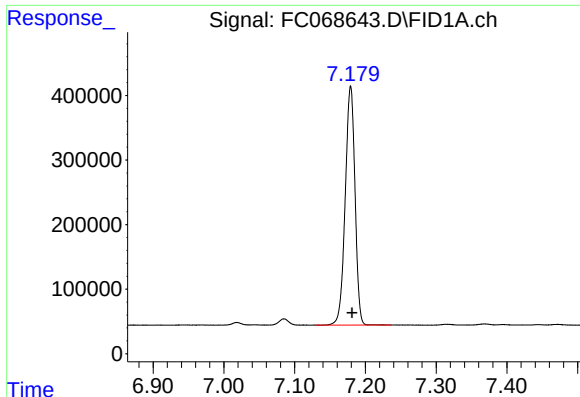
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 3851378  
Conc: 33.07 ug/ml



#4 n-Dodecane (C12)

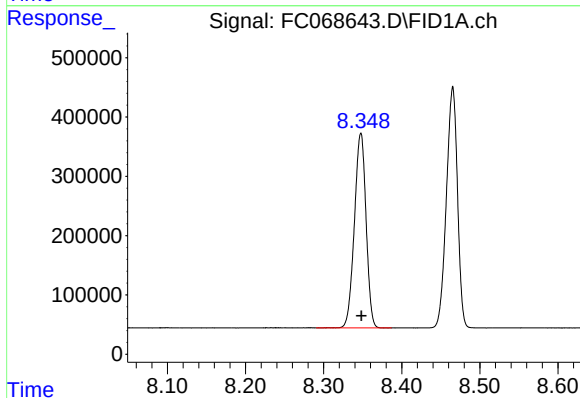
R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 3342205  
Conc: 31.78 ug/ml



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

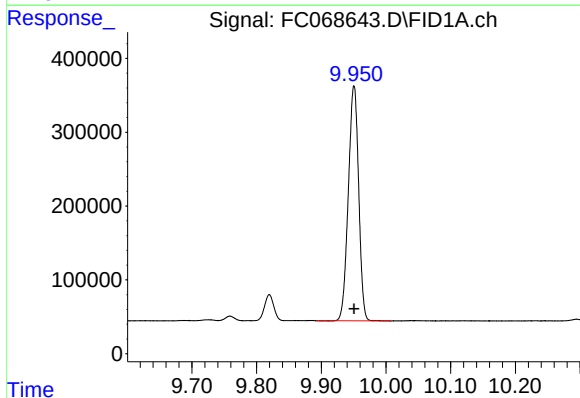
R.T.: 7.179 min  
Delta R.T.: -0.002 min  
Response: 3553261  
Conc: 30.76 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
RT4643MSD



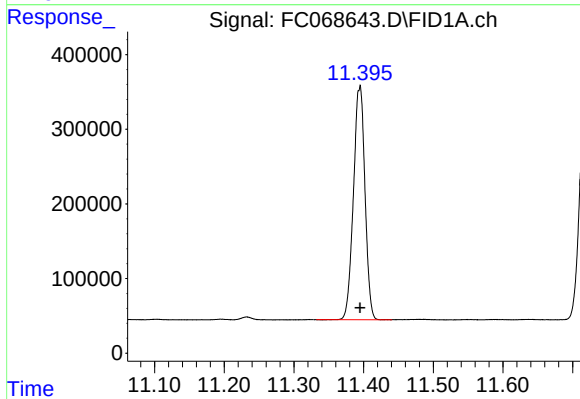
#6 n-Tetradecane (C14)

R.T.: 8.348 min  
Delta R.T.: 0.000 min  
Response: 3401420  
Conc: 33.09 ug/ml



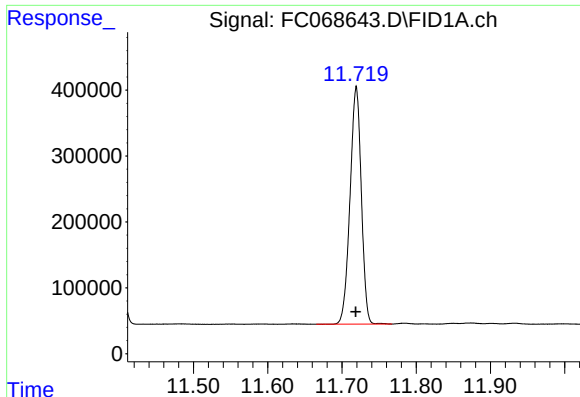
#7 n-Hexadecane (C16)

R.T.: 9.951 min  
Delta R.T.: 0.000 min  
Response: 3533851  
Conc: 34.70 ug/ml



#8 n-Octadecane (C18)

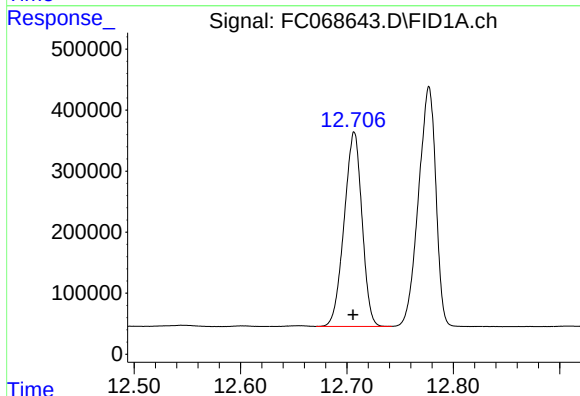
R.T.: 11.394 min  
Delta R.T.: 0.000 min  
Response: 3600096  
Conc: 35.77 ug/ml



#9 ortho-Terphenyl (SURR)

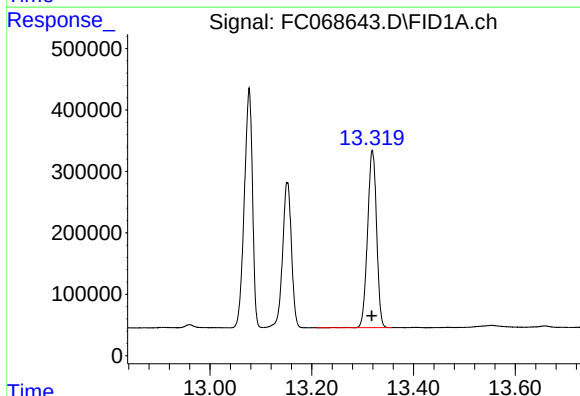
R.T.: 11.719 min  
Delta R.T.: 0.000 min  
Response: 3797295  
Conc: 29.82 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
RT4643MSD



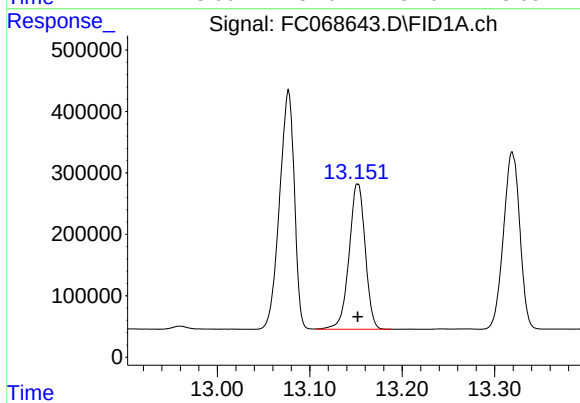
#10 n-Eicosane (C20)

R.T.: 12.707 min  
Delta R.T.: 0.001 min  
Response: 3709246  
Conc: 37.71 ug/ml



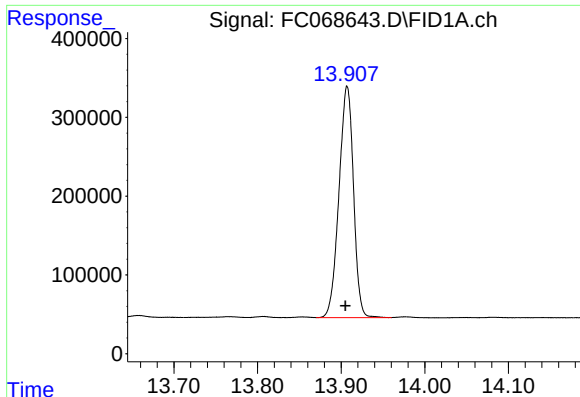
#11 n-Heneicosane (C21)

R.T.: 13.319 min  
Delta R.T.: 0.001 min  
Response: 3550554  
Conc: 36.43 ug/ml



#12 1-chlorooctadecane (SURR)

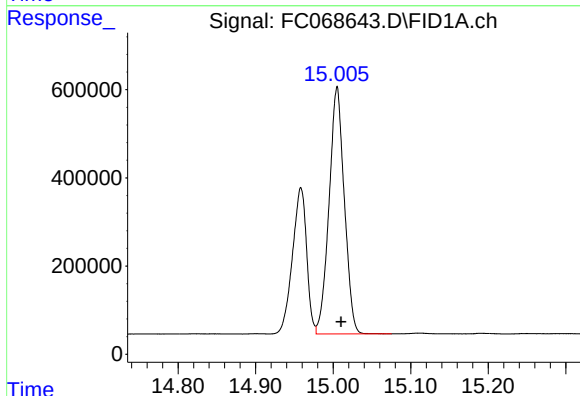
R.T.: 13.152 min  
Delta R.T.: 0.000 min  
Response: 2863483  
Conc: 30.83 ug/ml



#13 n-Docosane (C22)

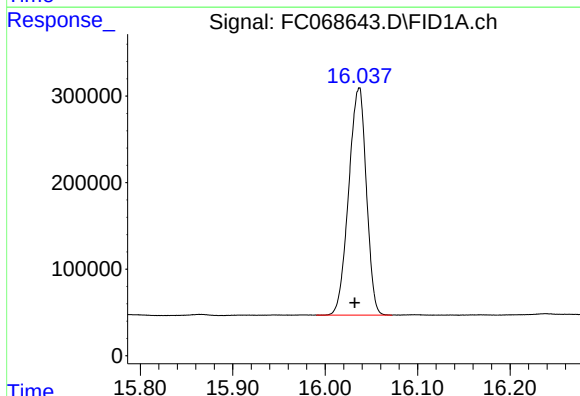
R.T.: 13.907 min  
Delta R.T.: 0.002 min  
Response: 3544320  
Conc: 36.69 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
RT4643MSD



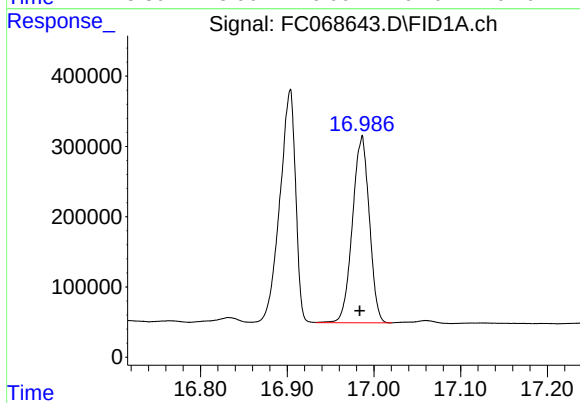
#14 n-Tetracosane (C24)

R.T.: 15.005 min  
Delta R.T.: -0.005 min  
Response: 7649724  
Conc: 80.37 ug/ml



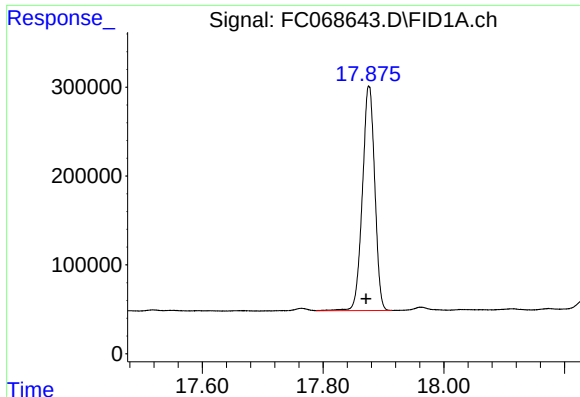
#15 n-Hexacosane (C26)

R.T.: 16.036 min  
Delta R.T.: 0.004 min  
Response: 3484107  
Conc: 37.30 ug/ml



#16 n-Octacosane (C28)

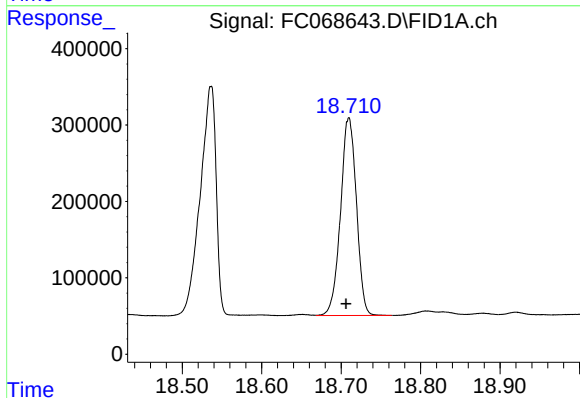
R.T.: 16.986 min  
Delta R.T.: 0.002 min  
Response: 3582034  
Conc: 39.12 ug/ml



#17 n-Tricontane (C30)

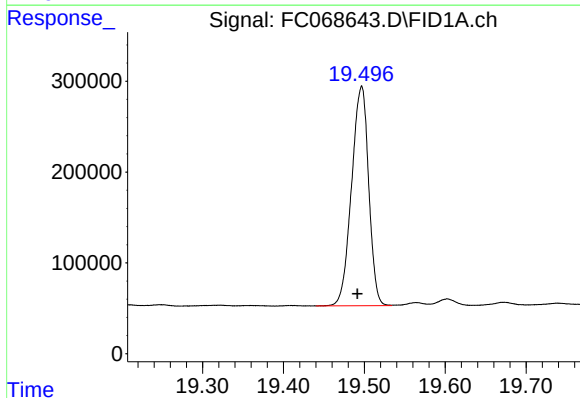
R.T.: 17.876 min  
Delta R.T.: 0.005 min  
Response: 3587821  
Conc: 39.03 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
RT4643MSD



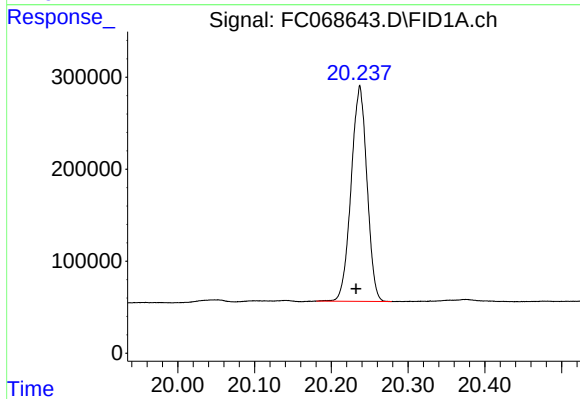
#18 n-Dotriacontane (C32)

R.T.: 18.710 min  
Delta R.T.: 0.003 min  
Response: 3600711  
Conc: 39.25 ug/ml



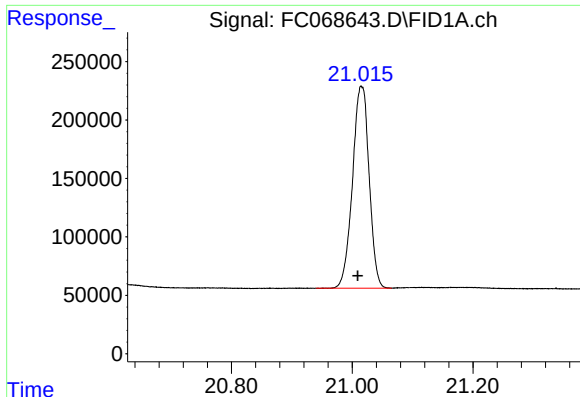
#19 n-Tetratriacontane (C34)

R.T.: 19.496 min  
Delta R.T.: 0.005 min  
Response: 3549286  
Conc: 39.73 ug/ml



#20 n-Hexatriacontane (C36)

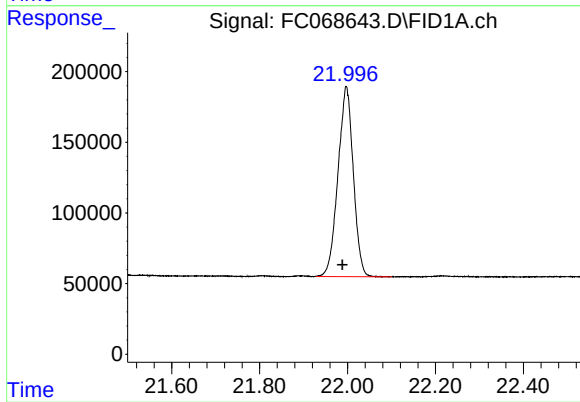
R.T.: 20.237 min  
Delta R.T.: 0.005 min  
Response: 3362587  
Conc: 37.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min  
Delta R.T.: 0.006 min  
Response: 3299658  
Conc: 37.32 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
RT4643MSD



#22 n-Tetracontane (C40)

R.T.: 21.997 min  
Delta R.T.: 0.009 min  
Response: 3254479  
Conc: 36.85 ug/ml