

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072323AL\  
 Data File : FC064245.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Jul 2023 09:34  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 24 01:57:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 072323.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 24 01:54:49 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)    | 11.512 | 3676359    | 20.607 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.21%       |
| 12) S 1-chlorooctadecane (S... | 12.947 | 2613655    | 20.725 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.45%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.299  | 3355325    | 20.679 ug/ml |
| 2) T n-Decane (C10)            | 4.362  | 3390923    | 20.737 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.943  | 3455630    | 21.292 ug/ml |
| 4) T n-Dodecane (C12)          | 6.375  | 3387917    | 20.753 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.999  | 3239476    | 21.261 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.166  | 3282558    | 20.907 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.762  | 3276129    | 20.836 ug/ml |
| 8) T n-Octadecane (C18)        | 11.199 | 3292509    | 20.781 ug/ml |
| 10) T n-Eicosane (C20)         | 12.504 | 3082108    | 20.652 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.115 | 3008424    | 20.613 ug/ml |
| 13) T n-Docosane (C22)         | 13.700 | 2954525    | 20.701 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.798 | 2898496    | 20.635 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.815 | 2829524    | 20.606 ug/ml |
| 16) T n-Octacosane (C28)       | 16.761 | 2758248    | 20.569 ug/ml |
| 17) T n-Tricontane (C30)       | 17.646 | 2819537    | 20.313 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.475 | 2805433    | 19.936 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.256 | 2788328    | 20.083 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.993 | 2733064    | 20.143 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.714 | 2740583    | 20.206 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.596 | 2691528    | 20.037 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

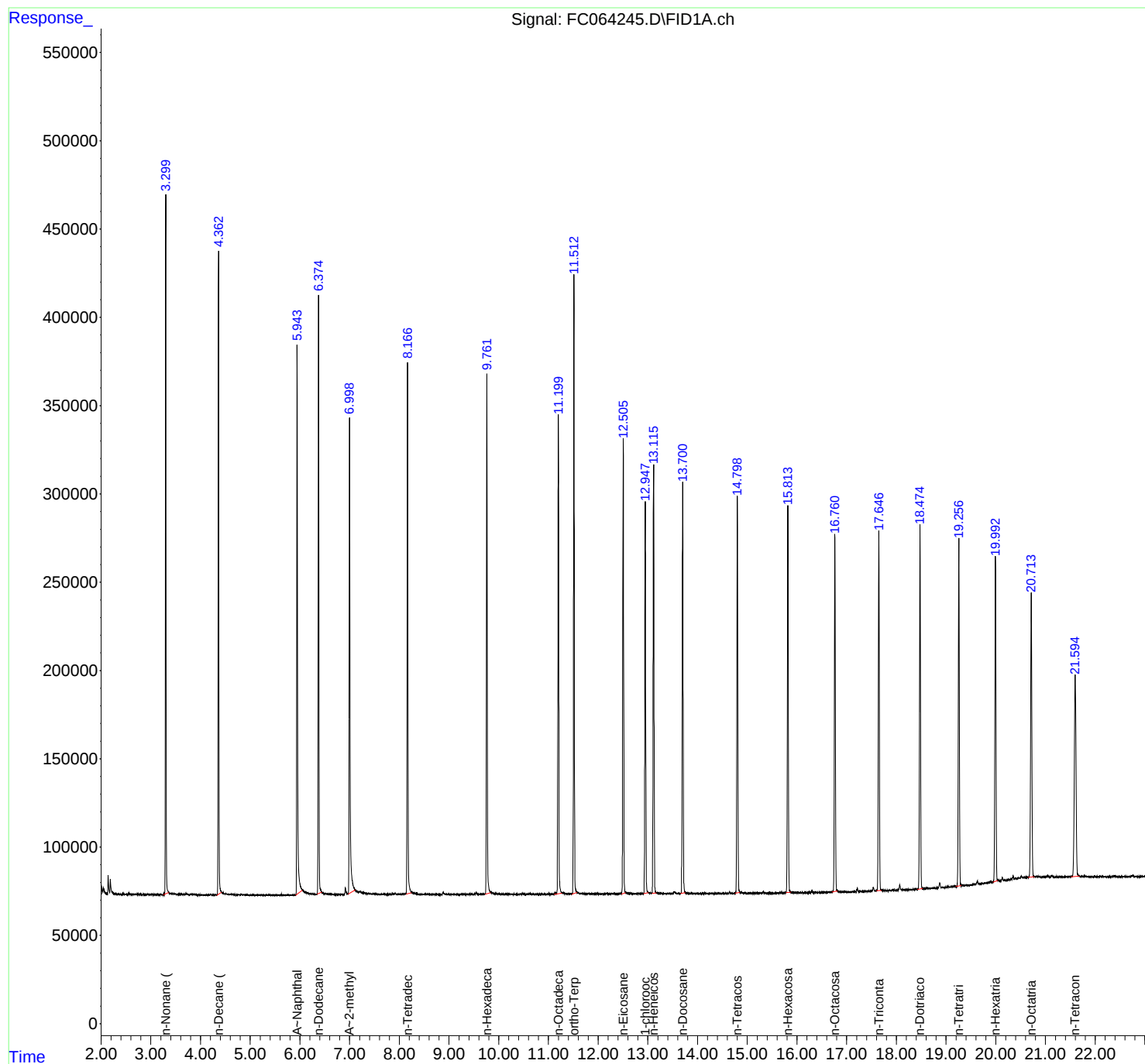
(m)=manual int.

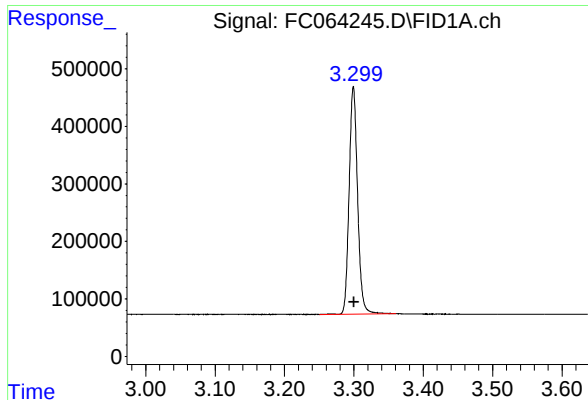
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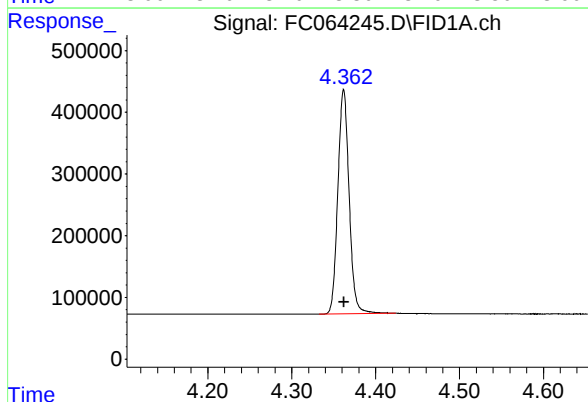




#1 n-Nonane (C9)

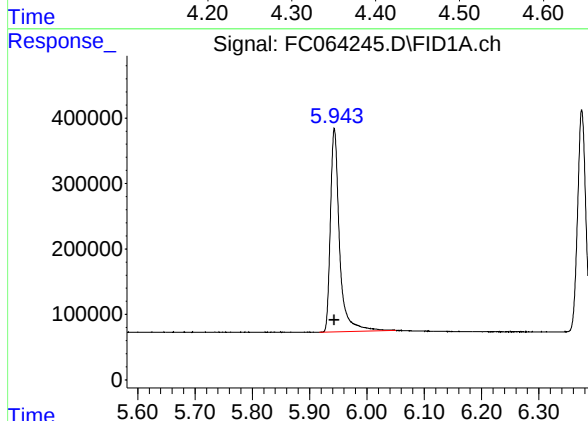
R.T.: 3.299 min  
Delta R.T.: 0.000 min  
Response: 3355325  
Conc: 20.68 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



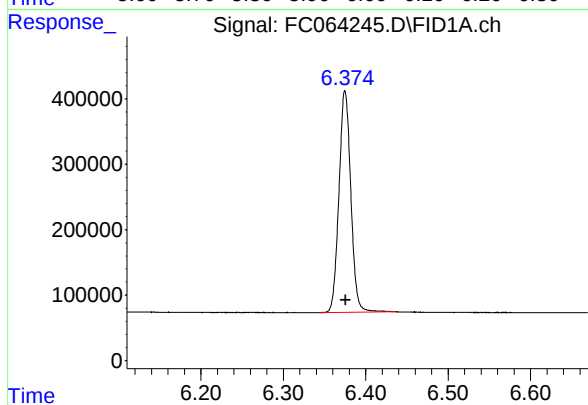
#2 n-Decane (C10)

R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 3390923  
Conc: 20.74 ug/ml



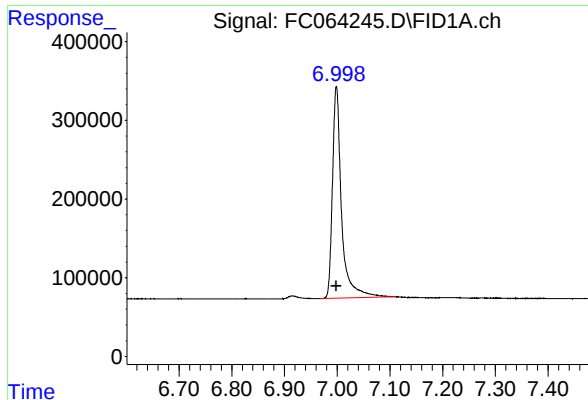
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 3455630  
Conc: 21.29 ug/ml



#4 n-Dodecane (C12)

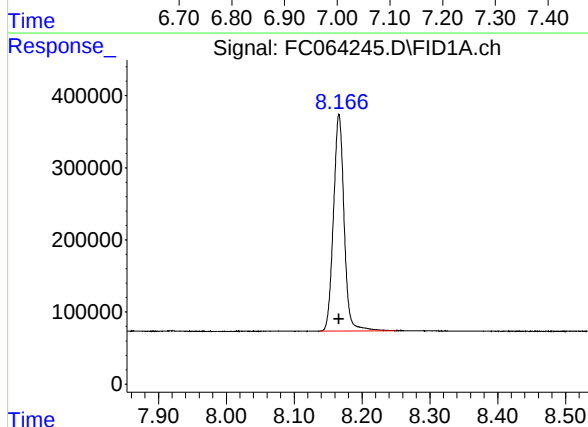
R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 3387917  
Conc: 20.75 ug/ml



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

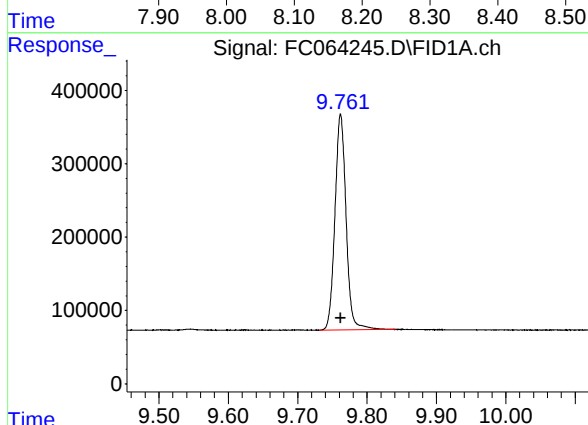
R.T.: 6.999 min  
Delta R.T.: 0.000 min  
Response: 3239476  
Conc: 21.26 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



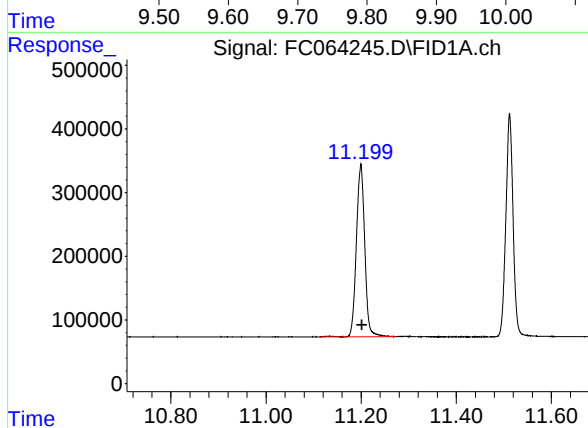
#6 n-Tetradecane (C14)

R.T.: 8.166 min  
Delta R.T.: 0.000 min  
Response: 3282558  
Conc: 20.91 ug/ml



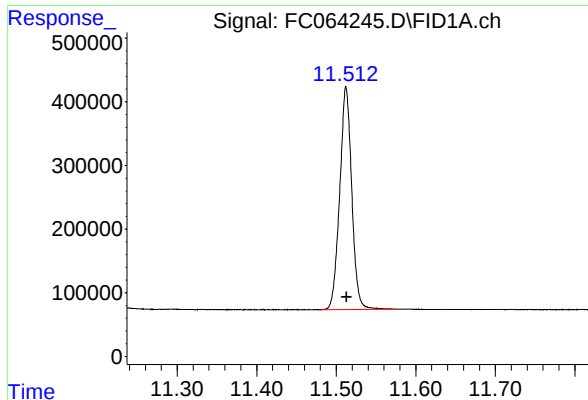
#7 n-Hexadecane (C16)

R.T.: 9.762 min  
Delta R.T.: 0.000 min  
Response: 3276129  
Conc: 20.84 ug/ml



#8 n-Octadecane (C18)

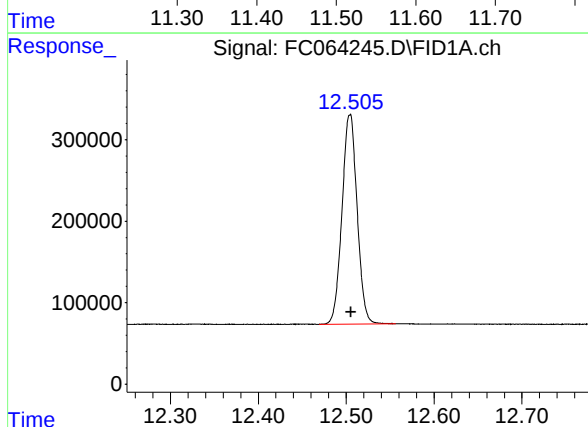
R.T.: 11.199 min  
Delta R.T.: -0.002 min  
Response: 3292509  
Conc: 20.78 ug/ml



#9 ortho-Terphenyl (SURR)

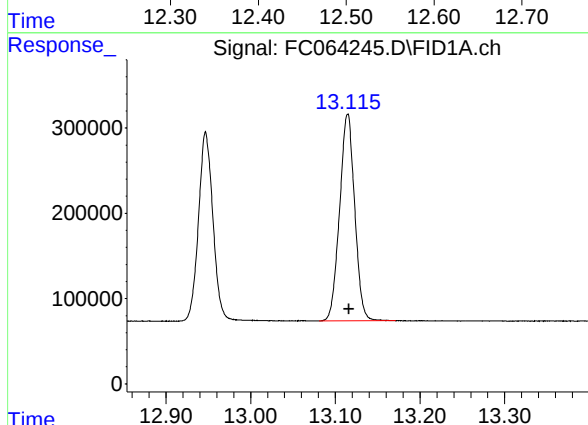
R.T.: 11.512 min  
Delta R.T.: 0.000 min  
Response: 3676359  
Conc: 20.61 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



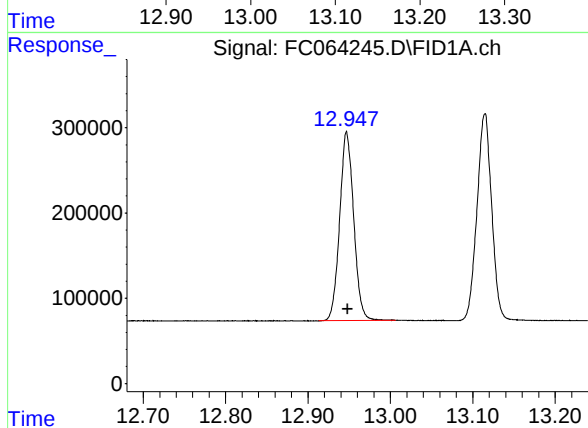
#10 n-Eicosane (C20)

R.T.: 12.504 min  
Delta R.T.: -0.001 min  
Response: 3082108  
Conc: 20.65 ug/ml



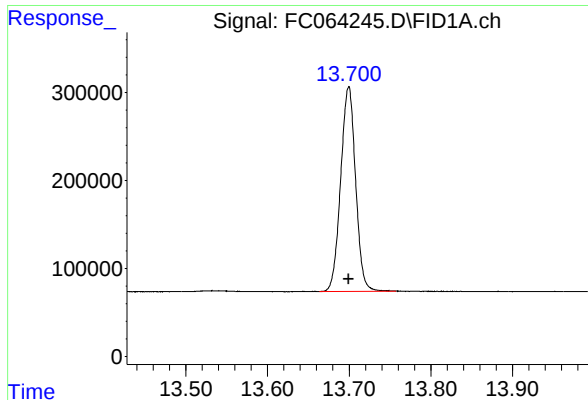
#11 n-Heneicosane (C21)

R.T.: 13.115 min  
Delta R.T.: -0.001 min  
Response: 3008424  
Conc: 20.61 ug/ml



#12 1-chlorooctadecane (SURR)

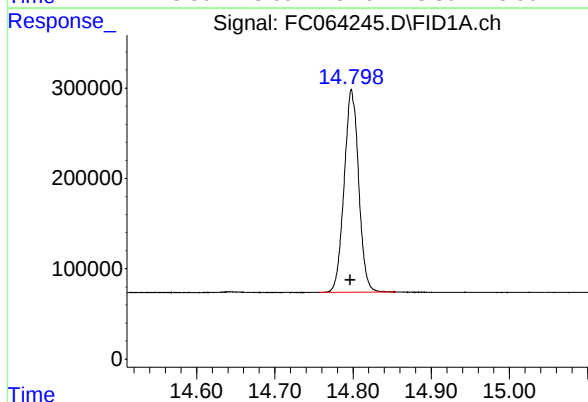
R.T.: 12.947 min  
Delta R.T.: -0.001 min  
Response: 2613655  
Conc: 20.73 ug/ml



#13 n-Docosane (C22)

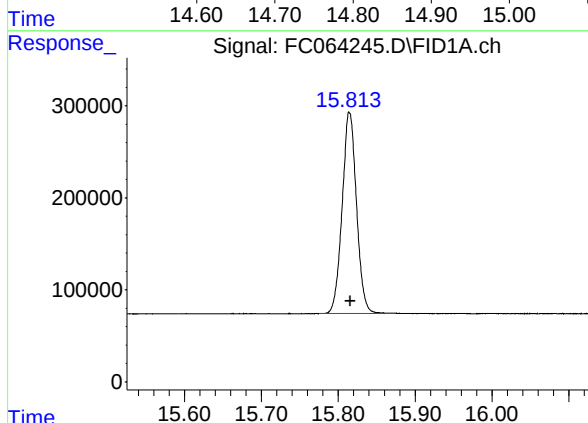
R.T.: 13.700 min  
Delta R.T.: 0.000 min  
Response: 2954525  
Conc: 20.70 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



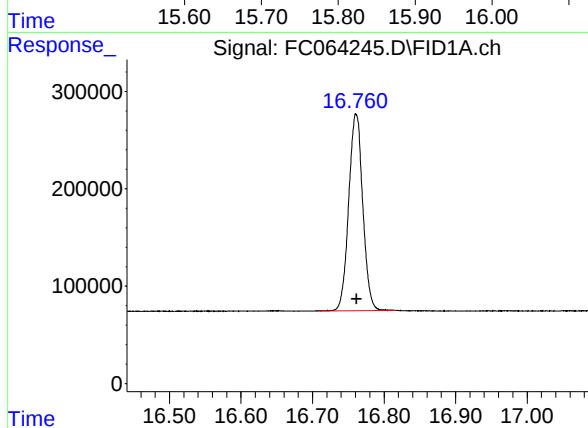
#14 n-Tetracosane (C24)

R.T.: 14.798 min  
Delta R.T.: 0.001 min  
Response: 2898496  
Conc: 20.64 ug/ml



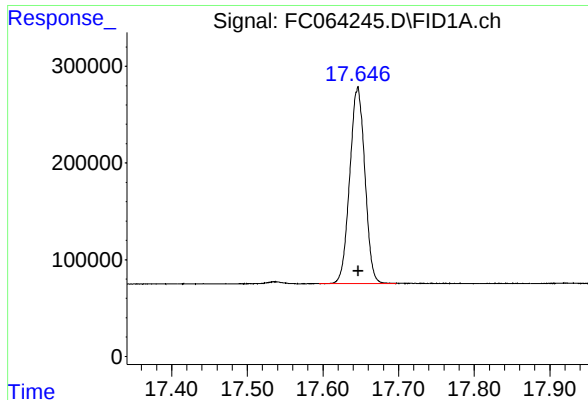
#15 n-Hexacosane (C26)

R.T.: 15.815 min  
Delta R.T.: -0.001 min  
Response: 2829524  
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

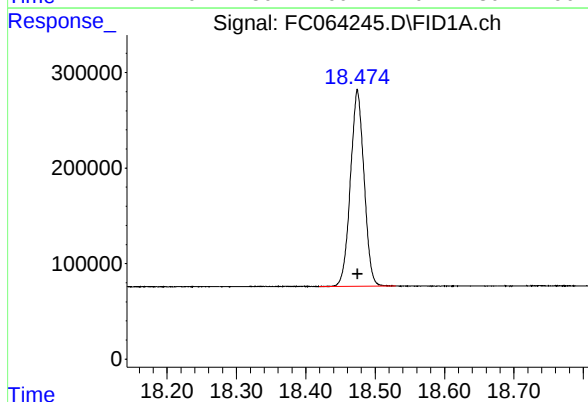
R.T.: 16.761 min  
Delta R.T.: 0.000 min  
Response: 2758248  
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

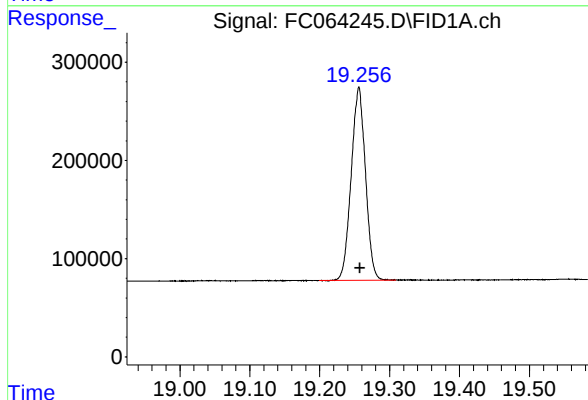
R.T.: 17.646 min  
Delta R.T.: -0.001 min  
Response: 2819537  
Conc: 20.31 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



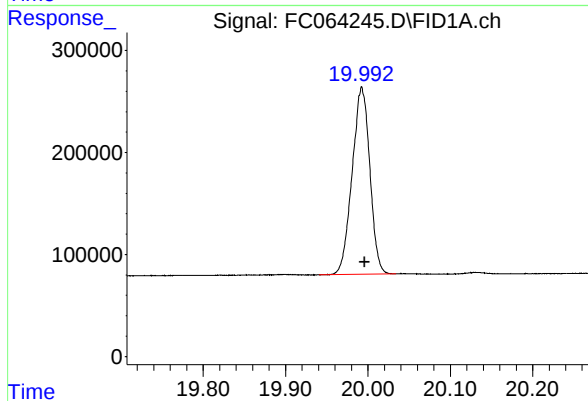
#18 n-Dotriacontane (C32)

R.T.: 18.475 min  
Delta R.T.: 0.000 min  
Response: 2805433  
Conc: 19.94 ug/ml



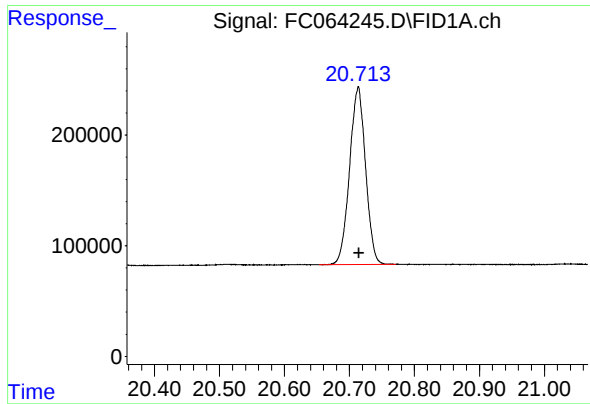
#19 n-Tetatriacontane (C34)

R.T.: 19.256 min  
Delta R.T.: -0.002 min  
Response: 2788328  
Conc: 20.08 ug/ml



#20 n-Hexatriacontane (C36)

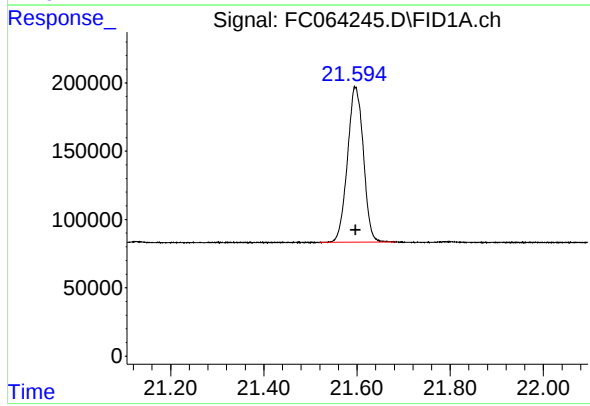
R.T.: 19.993 min  
Delta R.T.: -0.003 min  
Response: 2733064  
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min  
Delta R.T.: -0.001 min  
Response: 2740583  
Conc: 20.21 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.596 min  
Delta R.T.: 0.000 min  
Response: 2691528  
Conc: 20.04 ug/ml