

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081823AL\  
 Data File : FC064364.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Aug 2023 13:06  
 Operator : YP/AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 18 13:44:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 081823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 18 13:04:15 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)    | 11.511 | 2086766    | 9.702 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 19.40%      |
| 12) S 1-chlorooctadecane (S... | 12.947 | 1492539    | 9.619 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 19.24%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.309  | 1711947    | 9.569 ug/ml |
| 2) T n-Decane (C10)            | 4.366  | 1693162    | 9.513 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.949  | 1663125    | 8.996 ug/ml |
| 4) T n-Dodecane (C12)          | 6.376  | 1734752    | 9.540 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.004  | 1546813    | 8.693 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.166  | 1694879    | 9.578 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.762  | 1677866    | 9.484 ug/ml |
| 8) T n-Octadecane (C18)        | 11.197 | 1727358    | 9.715 ug/ml |
| 10) T n-Eicosane (C20)         | 12.504 | 1667488    | 9.728 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.112 | 1651450    | 9.781 ug/ml |
| 13) T n-Docosane (C22)         | 13.698 | 1612126    | 9.753 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.796 | 1570157    | 9.744 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.813 | 1526068    | 9.753 ug/ml |
| 16) T n-Octacosane (C28)       | 16.759 | 1464466    | 9.777 ug/ml |
| 17) T n-Tricontane (C30)       | 17.642 | 1445859    | 9.813 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.472 | 1396984    | 9.839 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.252 | 1319596    | 9.814 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.989 | 1257783    | 9.761 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.712 | 1206476    | 9.747 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.597 | 1116932    | 9.488 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

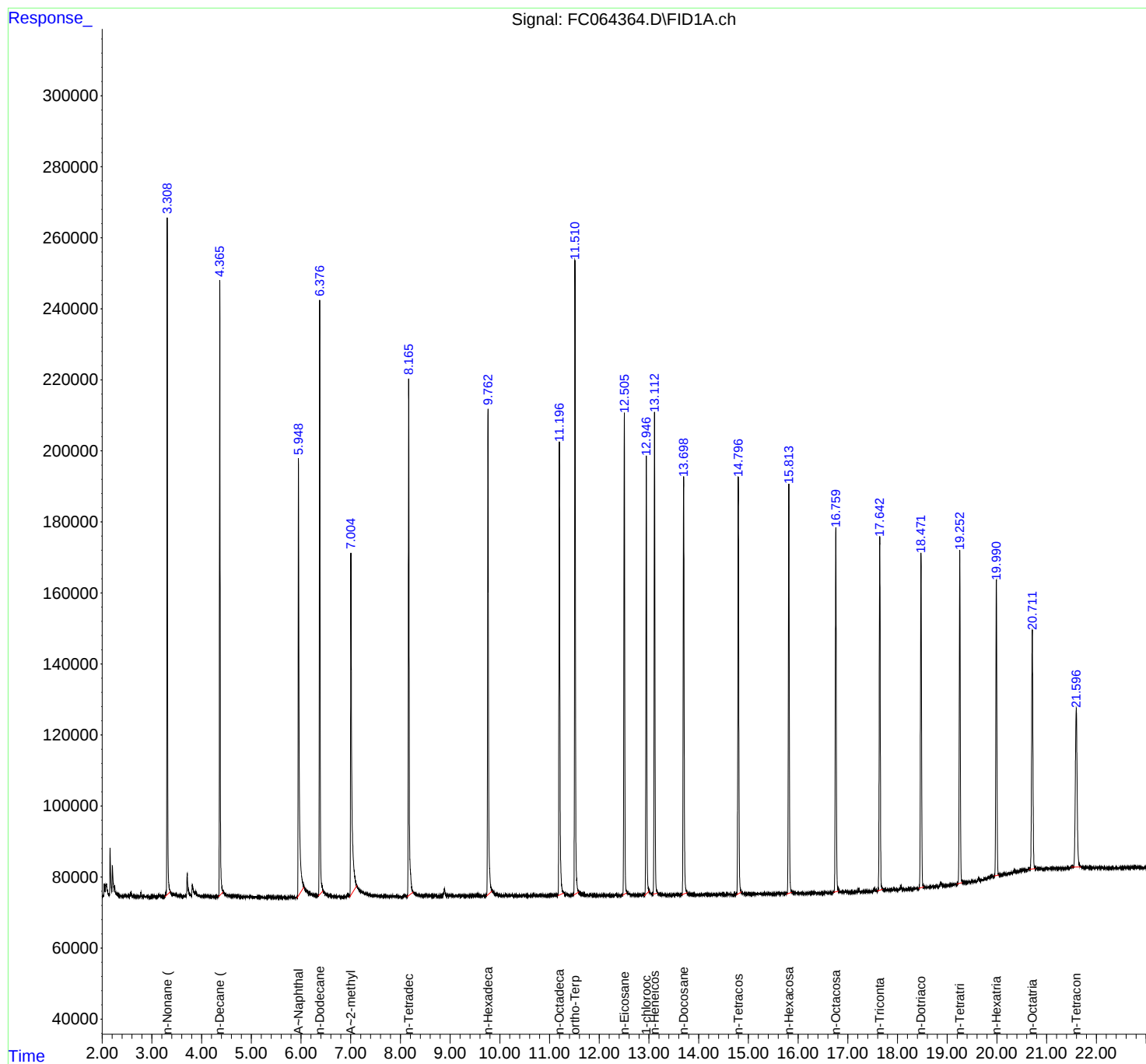
(m)=manual int.

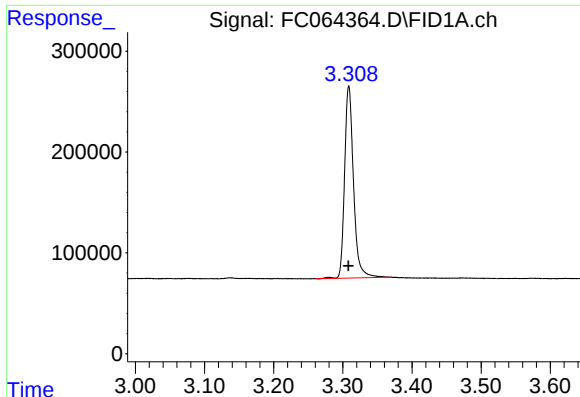
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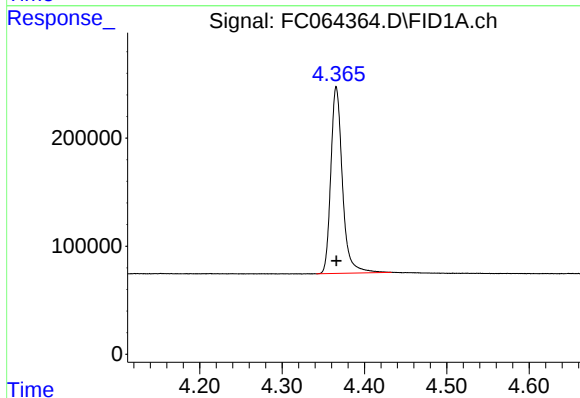




#1 n-Nonane (C9)

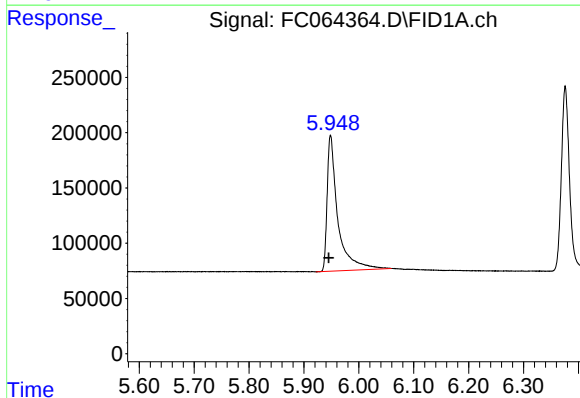
R.T.: 3.309 min  
Delta R.T.: 0.000 min  
Response: 1711947  
Conc: 9.57 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



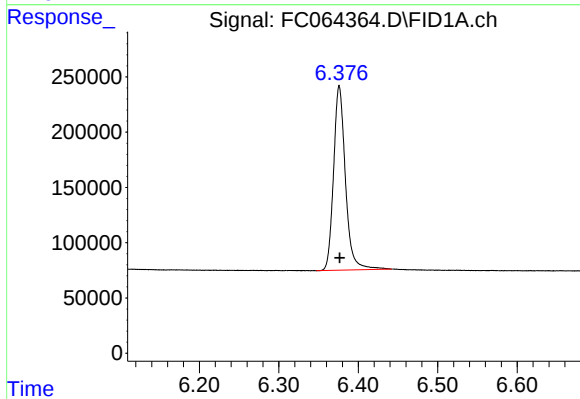
#2 n-Decane (C10)

R.T.: 4.366 min  
Delta R.T.: 0.000 min  
Response: 1693162  
Conc: 9.51 ug/ml



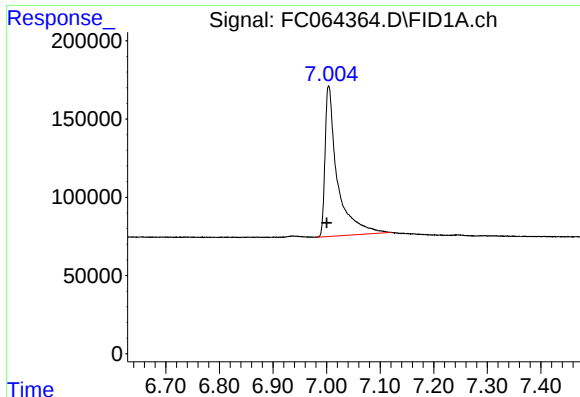
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min  
Delta R.T.: 0.003 min  
Response: 1663125  
Conc: 9.00 ug/ml



#4 n-Dodecane (C12)

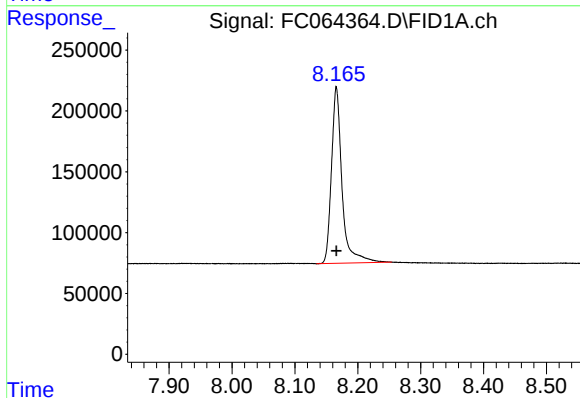
R.T.: 6.376 min  
Delta R.T.: 0.000 min  
Response: 1734752  
Conc: 9.54 ug/ml



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

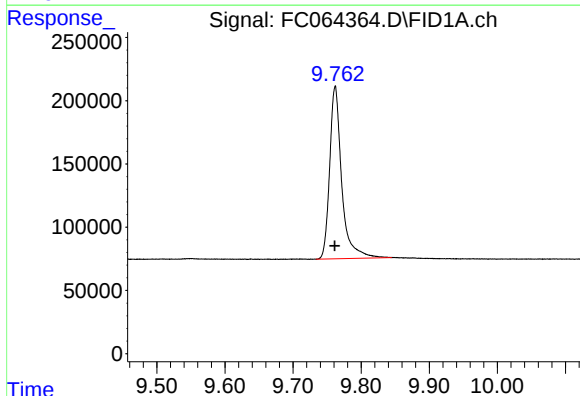
R.T.: 7.004 min  
Delta R.T.: 0.004 min  
Response: 1546813  
Conc: 8.69 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



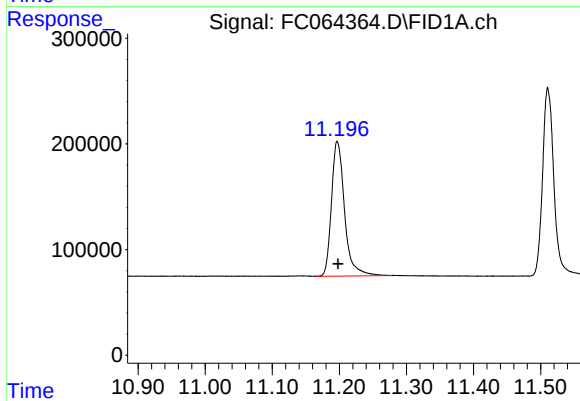
#6 n-Tetradecane (C14)

R.T.: 8.166 min  
Delta R.T.: 0.000 min  
Response: 1694879  
Conc: 9.58 ug/ml



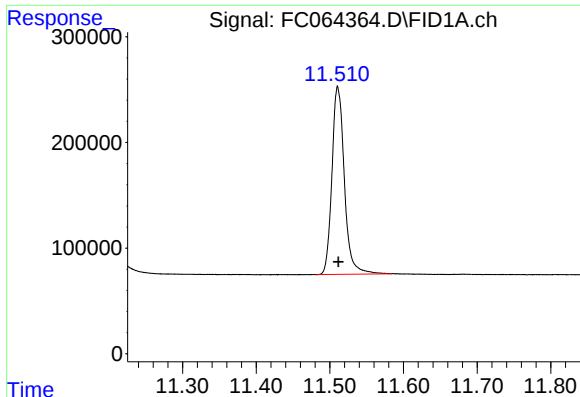
#7 n-Hexadecane (C16)

R.T.: 9.762 min  
Delta R.T.: 0.000 min  
Response: 1677866  
Conc: 9.48 ug/ml



#8 n-Octadecane (C18)

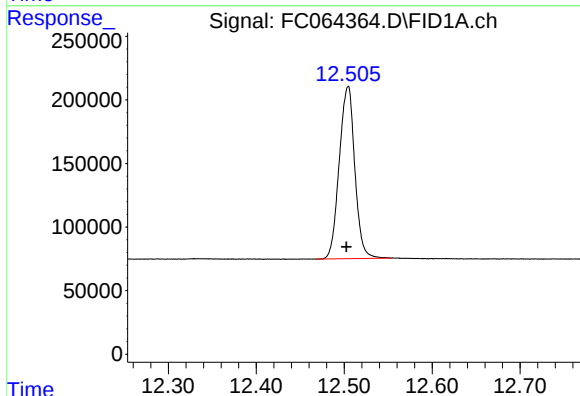
R.T.: 11.197 min  
Delta R.T.: -0.001 min  
Response: 1727358  
Conc: 9.71 ug/ml



#9 ortho-Terphenyl (SURR)

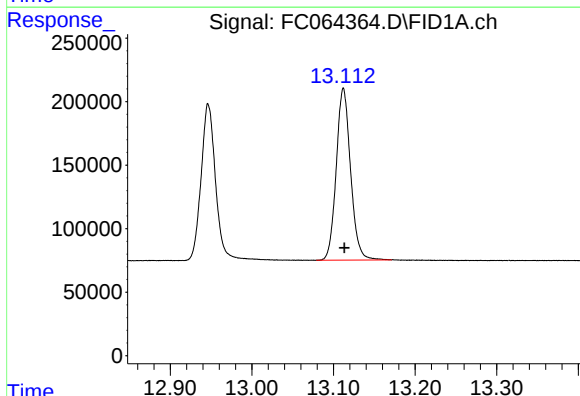
R.T.: 11.511 min  
Delta R.T.: 0.000 min  
Response: 2086766  
Conc: 9.70 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



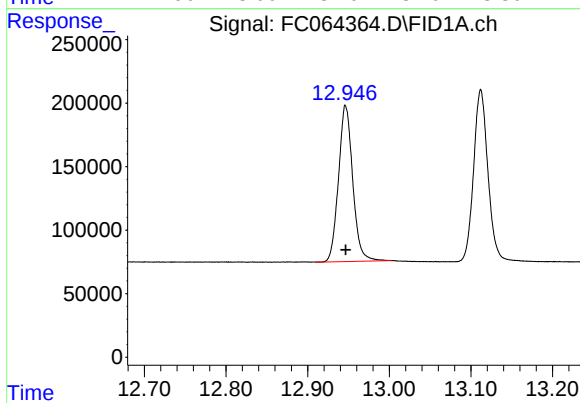
#10 n-Eicosane (C20)

R.T.: 12.504 min  
Delta R.T.: 0.002 min  
Response: 1667488  
Conc: 9.73 ug/ml



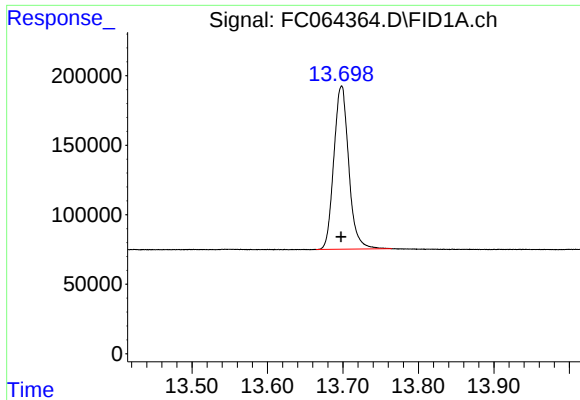
#11 n-Heneicosane (C21)

R.T.: 13.112 min  
Delta R.T.: -0.001 min  
Response: 1651450  
Conc: 9.78 ug/ml



#12 1-chlorooctadecane (SURR)

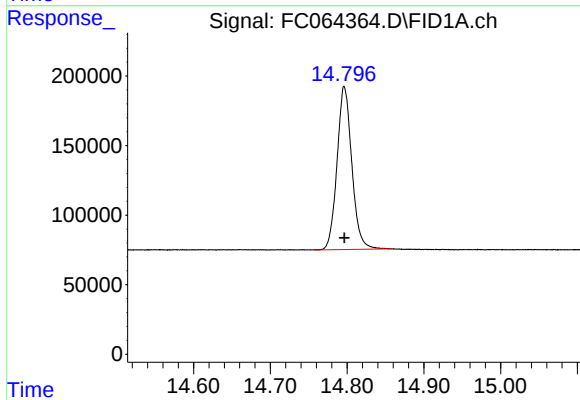
R.T.: 12.947 min  
Delta R.T.: 0.000 min  
Response: 1492539  
Conc: 9.62 ug/ml



#13 n-Docosane (C22)

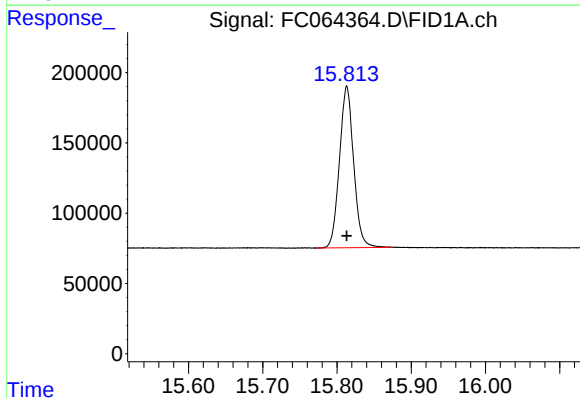
R.T.: 13.698 min  
Delta R.T.: 0.000 min  
Response: 1612126  
Conc: 9.75 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



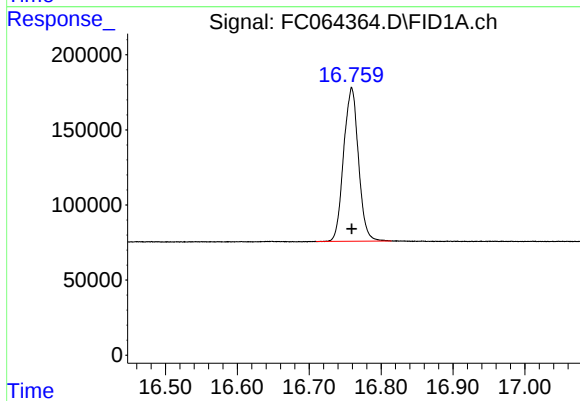
#14 n-Tetracosane (C24)

R.T.: 14.796 min  
Delta R.T.: 0.000 min  
Response: 1570157  
Conc: 9.74 ug/ml



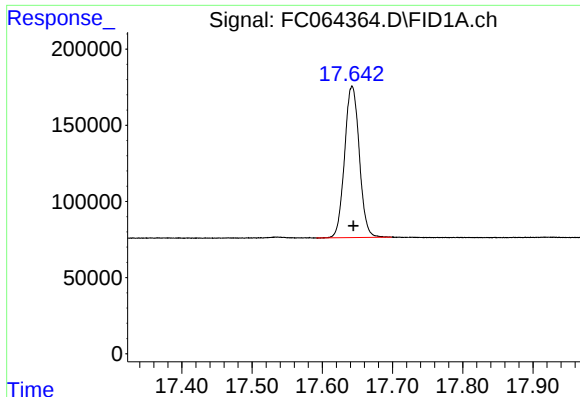
#15 n-Hexacosane (C26)

R.T.: 15.813 min  
Delta R.T.: 0.000 min  
Response: 1526068  
Conc: 9.75 ug/ml



#16 n-Octacosane (C28)

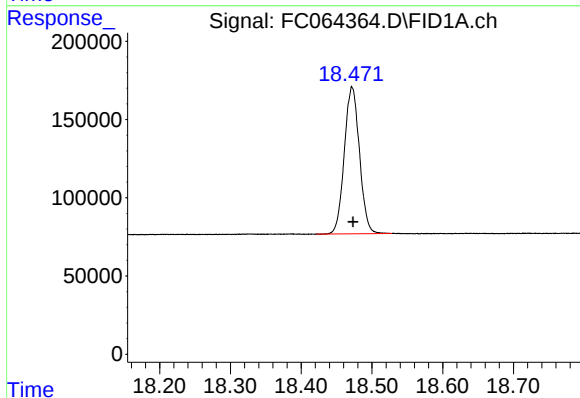
R.T.: 16.759 min  
Delta R.T.: 0.000 min  
Response: 1464466  
Conc: 9.78 ug/ml



#17 n-Tricontane (C30)

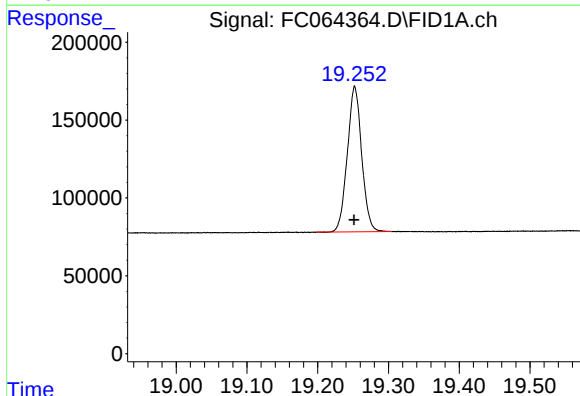
R.T.: 17.642 min  
Delta R.T.: -0.002 min  
Response: 1445859  
Conc: 9.81 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



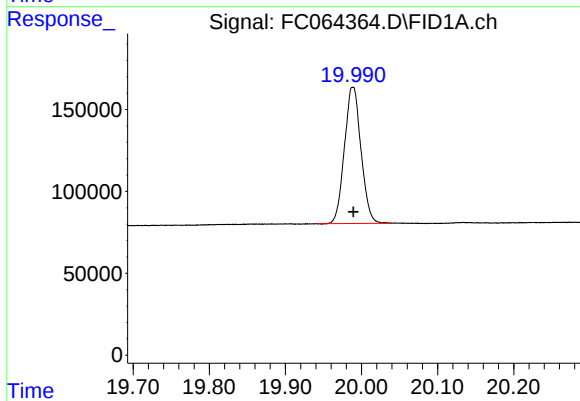
#18 n-Dotriacontane (C32)

R.T.: 18.472 min  
Delta R.T.: -0.002 min  
Response: 1396984  
Conc: 9.84 ug/ml



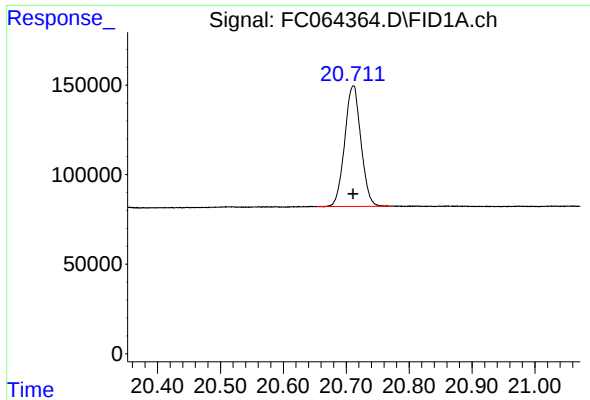
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min  
Delta R.T.: 0.000 min  
Response: 1319596  
Conc: 9.81 ug/ml



#20 n-Hexatriacontane (C36)

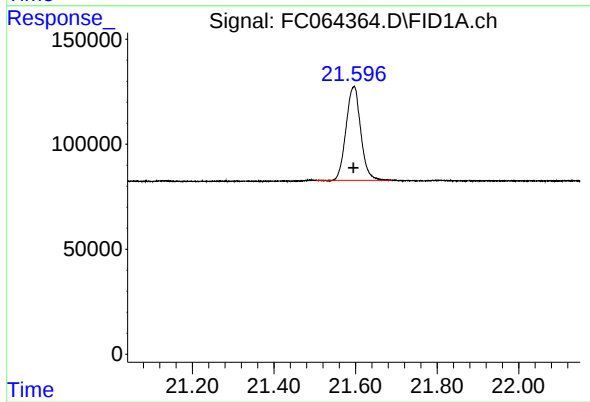
R.T.: 19.989 min  
Delta R.T.: 0.000 min  
Response: 1257783  
Conc: 9.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min  
Delta R.T.: 0.000 min  
Response: 1206476  
Conc: 9.75 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.597 min  
Delta R.T.: 0.002 min  
Response: 1116932  
Conc: 9.49 ug/ml