

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091024AL\  
 Data File : FC067073.D  
 Signal(s) : FID1A.ch  
 Acq On : 09 Sep 2024 11:08  
 Operator : YP/AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: sample.E  
 Quant Time: Sep 11 02:51:35 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 11 02:43:38 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    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.516 | 13180678   | 99.841 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 199.68%       |
| 12) S 1-chlorooctadecane (S... | 12.952 | 9590092    | 101.883 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 203.77%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.280  | 12551821   | 99.840 ug/ml  |
| 2) T n-Decane (C10)            | 4.347  | 12737455   | 99.761 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.927  | 13632460   | 100.264 ug/ml |
| 4) T n-Dodecane (C12)          | 6.366  | 12677200   | 99.809 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.985  | 12925758   | 100.605 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.160  | 12219543   | 99.717 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.760  | 12288401   | 100.042 ug/ml |
| 8) T n-Octadecane (C18)        | 11.202 | 12141500   | 99.845 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.509 | 11443332   | 100.148 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.121 | 11176825   | 100.271 ug/ml |
| 13) T n-Docosane (C22)         | 13.707 | 11037483   | 100.252 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.809 | 10876377   | 100.221 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.828 | 10614268   | 99.859 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.777 | 10320327   | 99.486 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.665 | 10319047   | 98.836 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.495 | 9858807    | 98.659 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.278 | 8705913    | 98.521 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.016 | 7525818    | 98.719 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.742 | 7063203    | 97.785 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.636 | 6531634    | 97.802 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

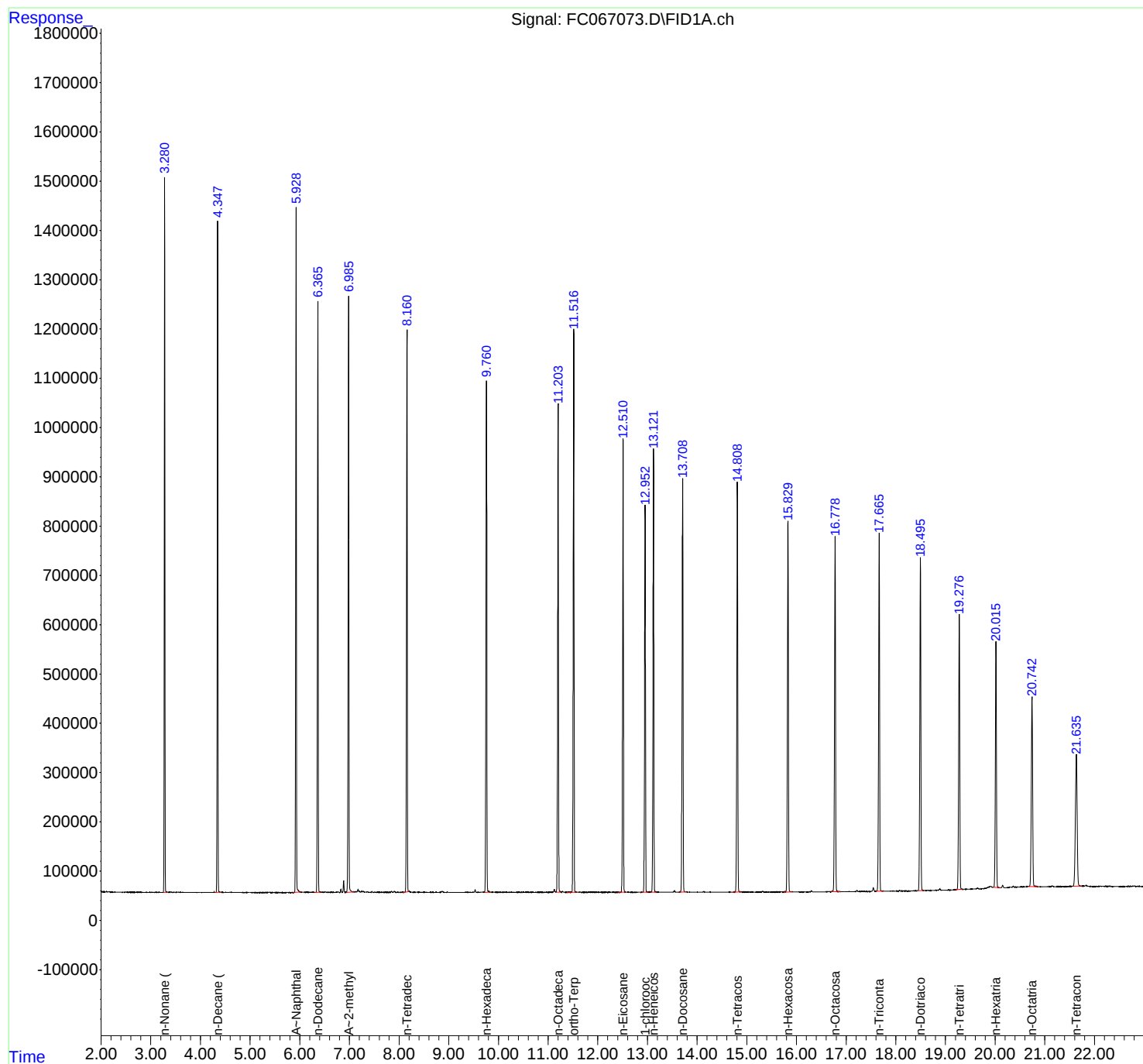
(m)=manual int.

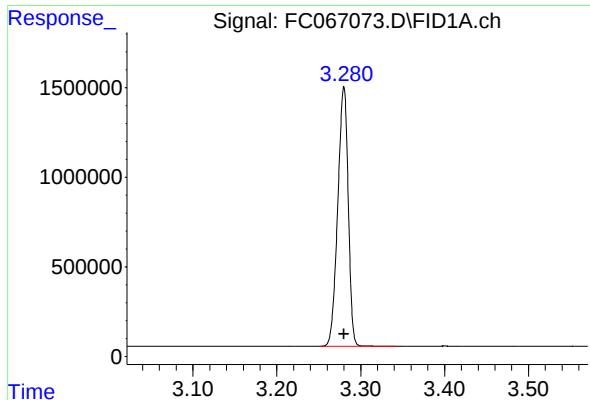
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091024AL\  
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Integrator: ChemStation

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





#1 n-Nonane (C9)

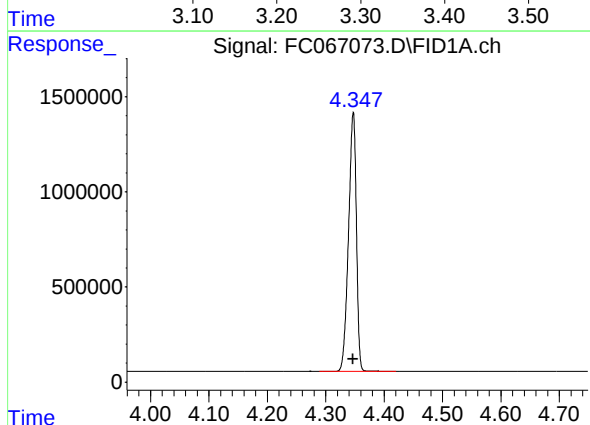
R.T.: 3.280 min  
Delta R.T.: 0.000 min  
Response: 12551821  
Conc: 99.84 ug/ml

Instrument :

FID\_C

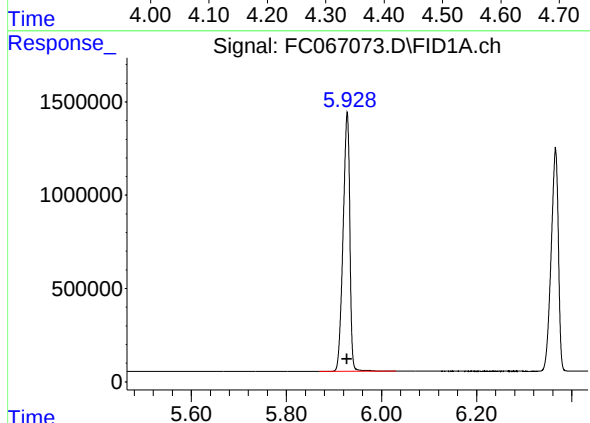
ClientSampleId :

100 PPM ALIPHATIC HC STD1



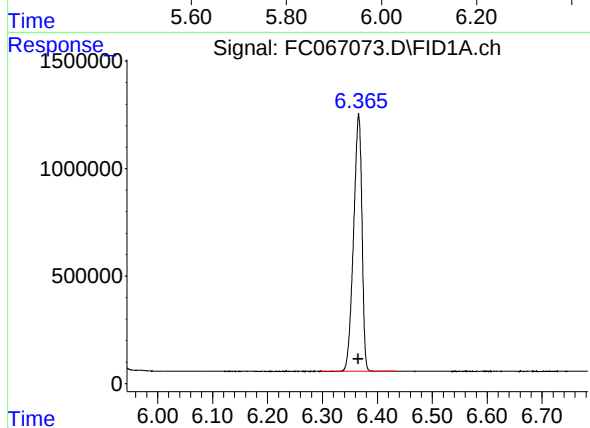
#2 n-Decane (C10)

R.T.: 4.347 min  
Delta R.T.: 0.000 min  
Response: 12737455  
Conc: 99.76 ug/ml



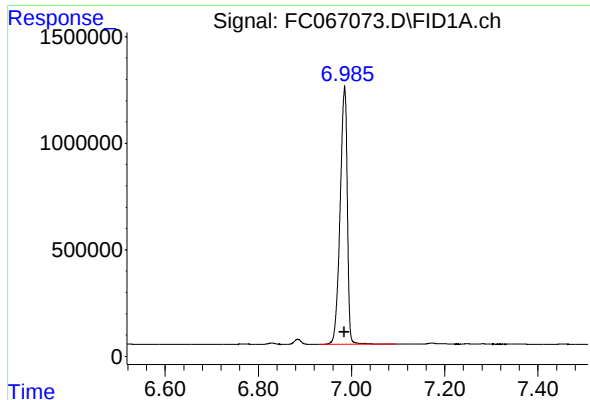
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min  
Delta R.T.: 0.000 min  
Response: 13632460  
Conc: 100.26 ug/ml



#4 n-Dodecane (C12)

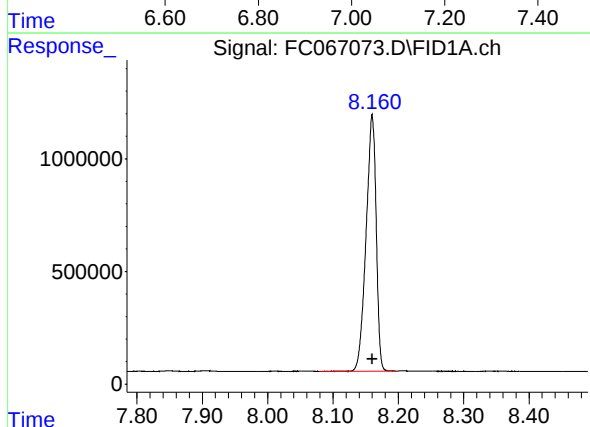
R.T.: 6.366 min  
Delta R.T.: 0.000 min  
Response: 12677200  
Conc: 99.81 ug/ml



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

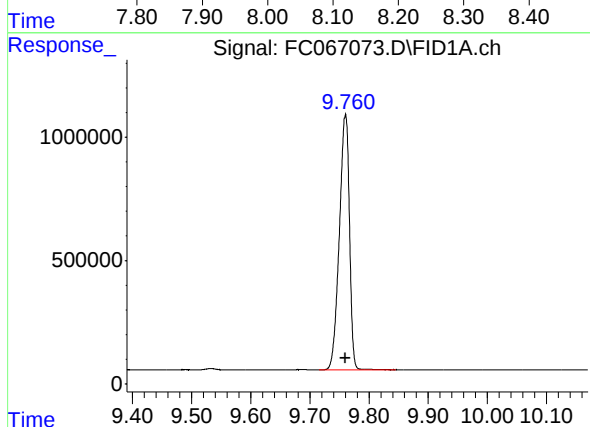
R.T.: 6.985 min  
Delta R.T.: 0.000 min  
Response: 12925758  
Conc: 100.61 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



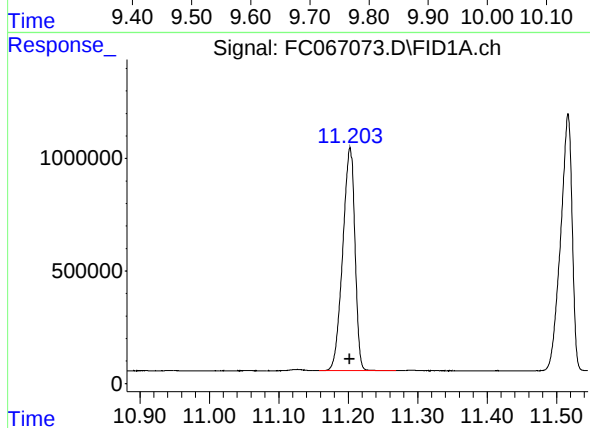
#6 n-Tetradecane (C14)

R.T.: 8.160 min  
Delta R.T.: 0.000 min  
Response: 12219543  
Conc: 99.72 ug/ml



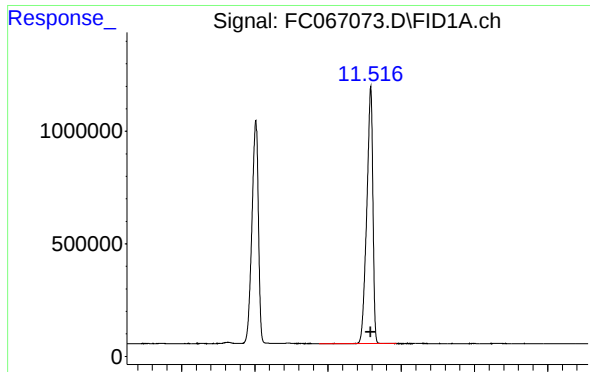
#7 n-Hexadecane (C16)

R.T.: 9.760 min  
Delta R.T.: 0.000 min  
Response: 12288401  
Conc: 100.04 ug/ml



#8 n-Octadecane (C18)

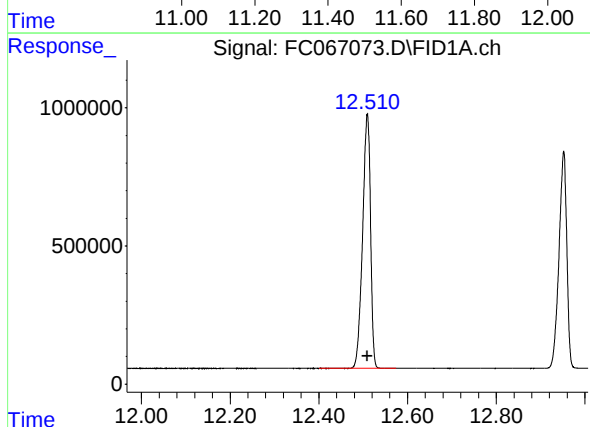
R.T.: 11.202 min  
Delta R.T.: 0.000 min  
Response: 12141500  
Conc: 99.84 ug/ml



#9 ortho-Terphenyl (SURR)

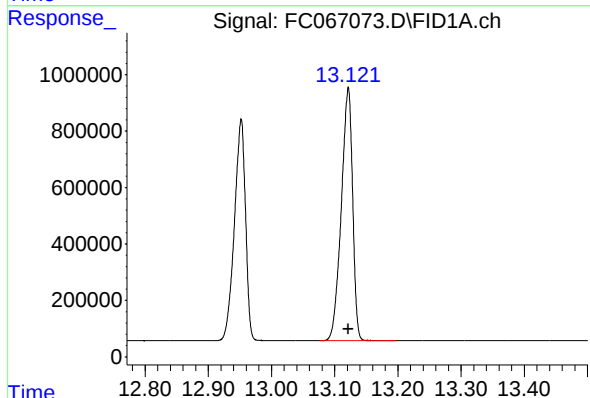
R.T.: 11.516 min  
Delta R.T.: 0.000 min  
Response: 13180678  
Conc: 99.84 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



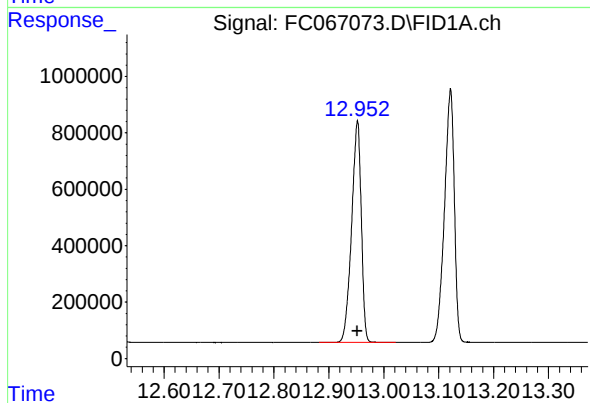
#10 n-Eicosane (C20)

R.T.: 12.509 min  
Delta R.T.: 0.000 min  
Response: 11443332  
Conc: 100.15 ug/ml



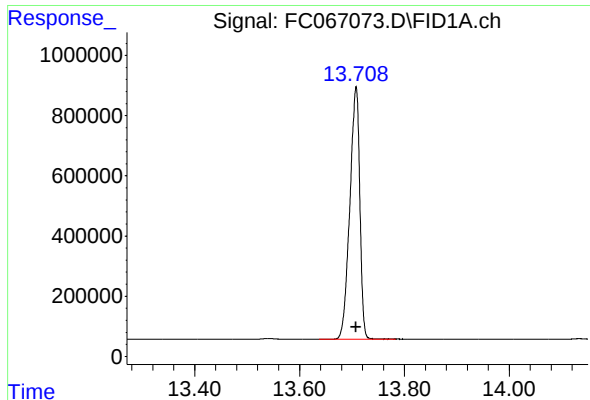
#11 n-Heneicosane (C21)

R.T.: 13.121 min  
Delta R.T.: 0.000 min  
Response: 11176825  
Conc: 100.27 ug/ml



#12 1-chlorooctadecane (SURR)

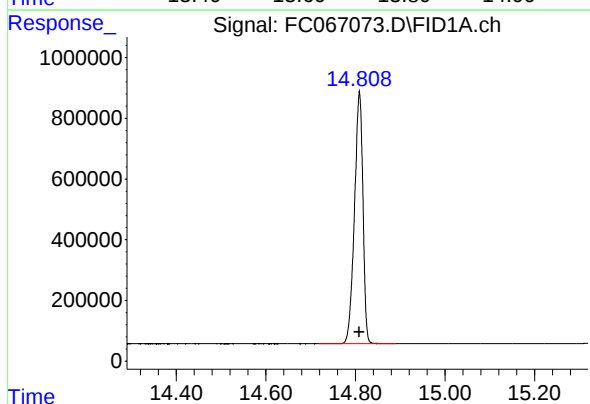
R.T.: 12.952 min  
Delta R.T.: 0.000 min  
Response: 9590092  
Conc: 101.88 ug/ml



#13 n-Docosane (C22)

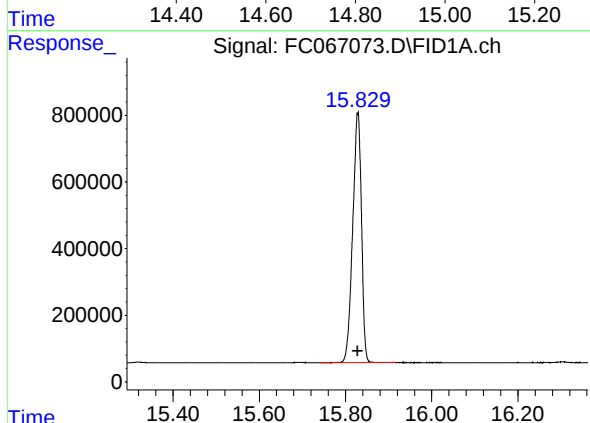
R.T.: 13.707 min  
Delta R.T.: 0.000 min  
Response: 11037483  
Conc: 100.25 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



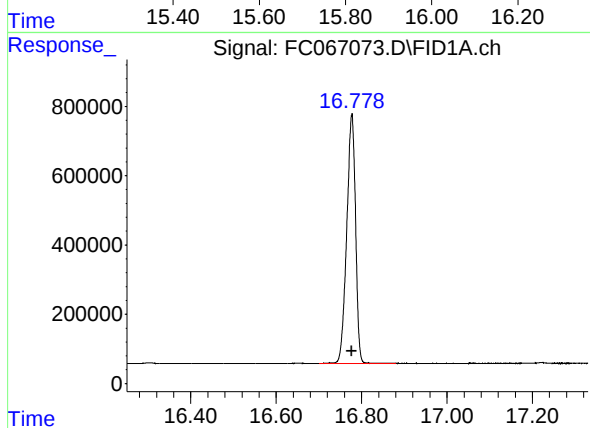
#14 n-Tetracosane (C24)

R.T.: 14.809 min  
Delta R.T.: 0.000 min  
Response: 10876377  
Conc: 100.22 ug/ml



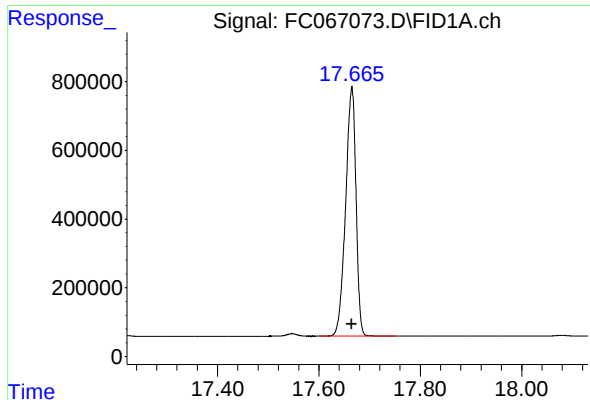
#15 n-Hexacosane (C26)

R.T.: 15.828 min  
Delta R.T.: 0.000 min  
Response: 10614268  
Conc: 99.86 ug/ml



#16 n-Octacosane (C28)

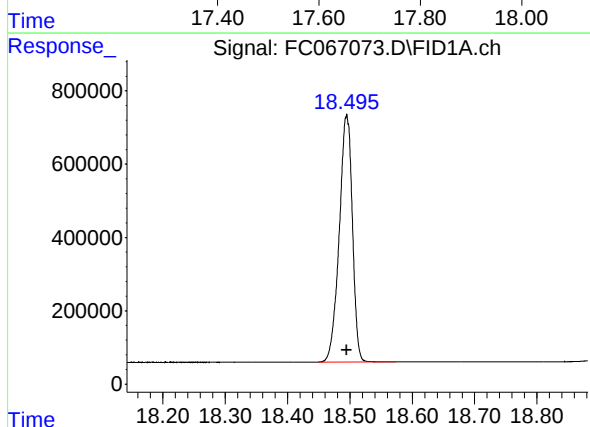
R.T.: 16.777 min  
Delta R.T.: 0.000 min  
Response: 10320327  
Conc: 99.49 ug/ml



#17 n-Tricontane (C30)

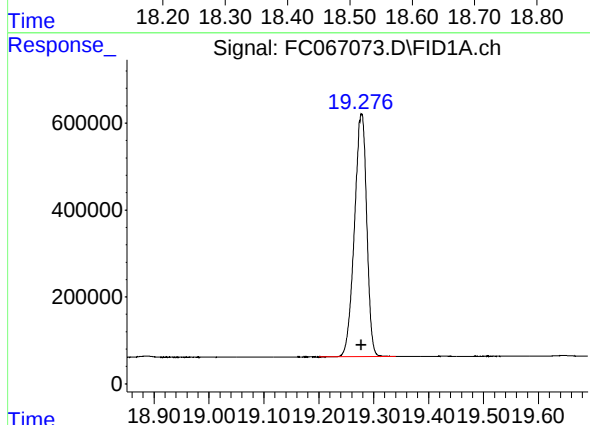
R.T.: 17.665 min  
Delta R.T.: 0.000 min  
Response: 10319047  
Conc: 98.84 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



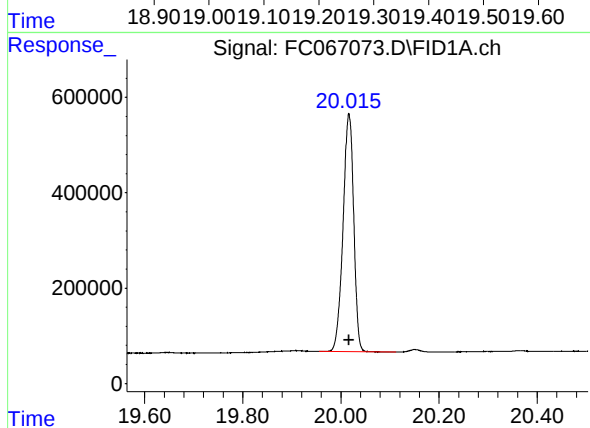
#18 n-Dotriacontane (C32)

R.T.: 18.495 min  
Delta R.T.: 0.000 min  
Response: 9858807  
Conc: 98.66 ug/ml



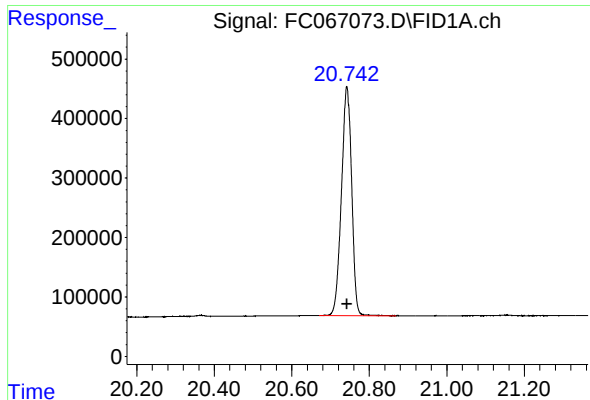
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min  
Delta R.T.: 0.000 min  
Response: 8705913  
Conc: 98.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.016 min  
Delta R.T.: 0.000 min  
Response: 7525818  
Conc: 98.72 ug/ml



#21 n-Octatriacontane (C38)

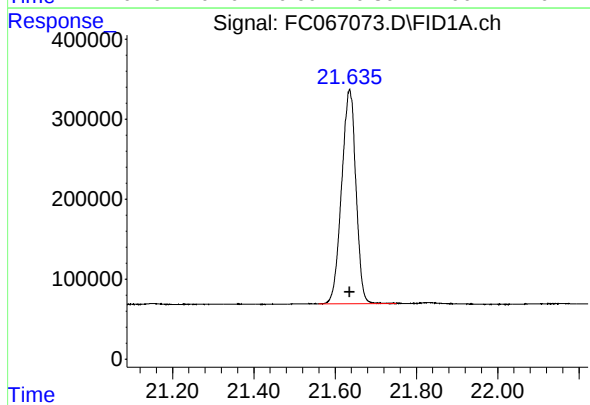
R.T.: 20.742 min  
Delta R.T.: 0.000 min  
Response: 7063203  
Conc: 97.79 ug/ml

Instrument :

FID\_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.636 min  
Delta R.T.: 0.000 min  
Response: 6531634  
Conc: 97.80 ug/ml