

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102324AL\  
 Data File : FC067511.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Oct 2024 18:14  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 23 18:51:58 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:12:58 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)    | 11.496 | 2853188    | 19.445 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.89%       |
| 12) S 1-chlorooctadecane (S... | 12.935 | 2112213    | 19.560 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.12%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.274  | 2613683    | 19.401 ug/ml |
| 2) T n-Decane (C10)            | 4.339  | 2649286    | 19.445 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.916  | 2894144    | 19.530 ug/ml |
| 4) T n-Dodecane (C12)          | 6.354  | 2640477    | 19.495 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.971  | 2771002    | 19.622 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.147  | 2559793    | 19.502 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.744  | 2585935    | 19.575 ug/ml |
| 8) T n-Octadecane (C18)        | 11.185 | 2593351    | 19.630 ug/ml |
| 10) T n-Eicosane (C20)         | 12.493 | 2466507    | 19.548 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.103 | 2414000    | 19.560 ug/ml |
| 13) T n-Docosane (C22)         | 13.688 | 2390568    | 19.523 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.790 | 2369147    | 19.546 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.809 | 2326770    | 19.544 ug/ml |
| 16) T n-Octacosane (C28)       | 16.757 | 2297199    | 19.526 ug/ml |
| 17) T n-Tricontane (C30)       | 17.643 | 2353840    | 19.474 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.474 | 2301371    | 19.450 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.258 | 2044186    | 19.519 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.996 | 1784212    | 19.601 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.719 | 1698313    | 19.610 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.604 | 1661417    | 19.544 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

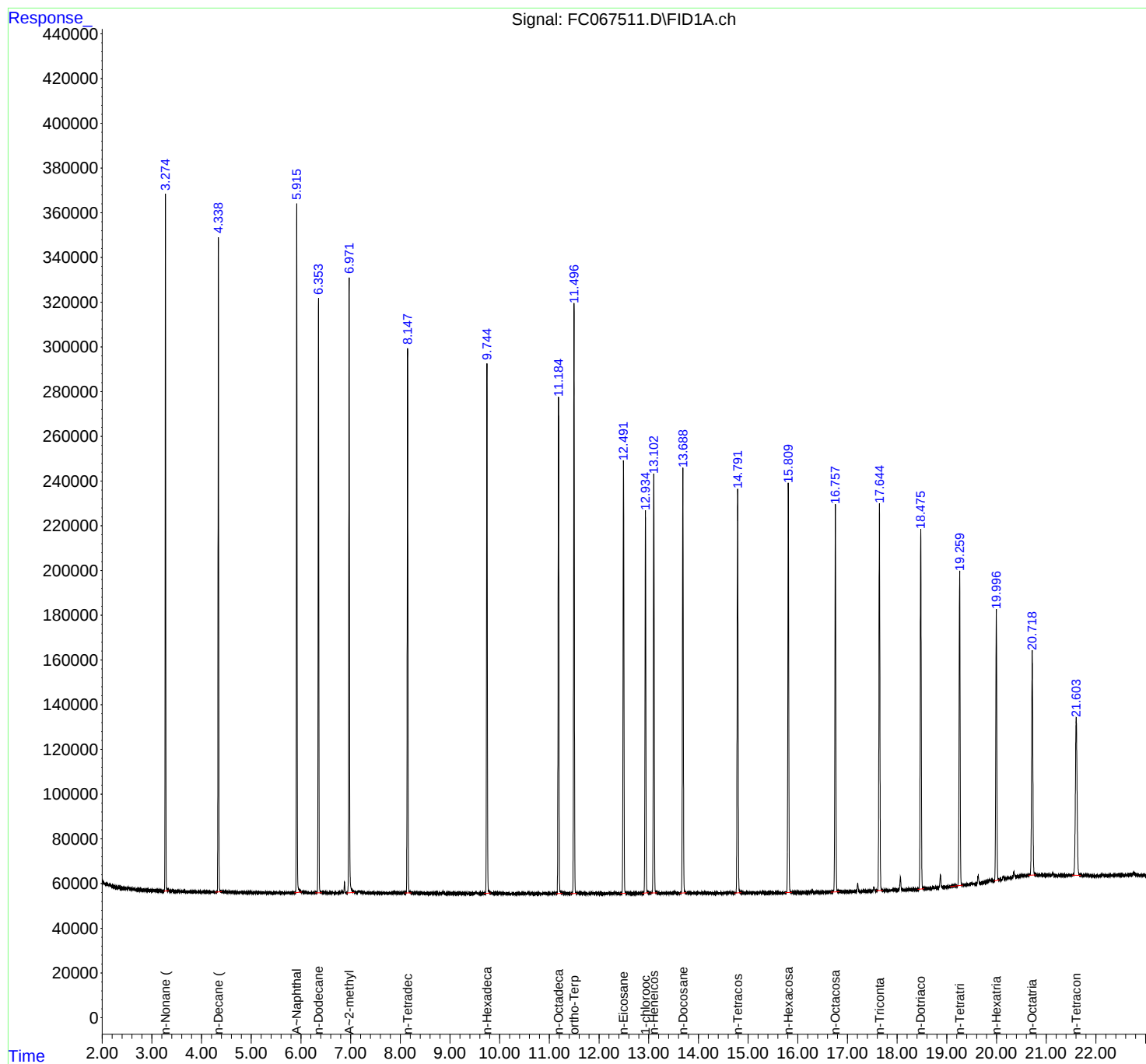
(m)=manual int.

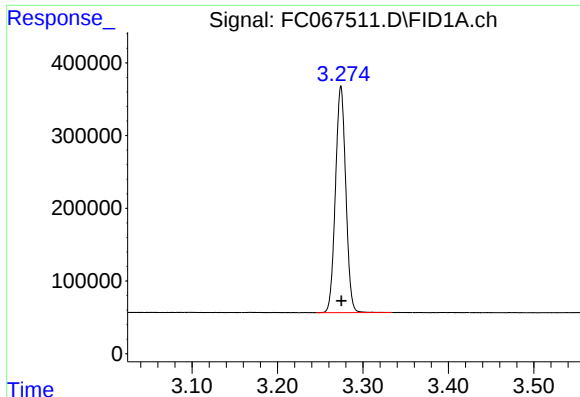
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102324AL\  
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Signal(s) : FID1A.ch  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102324.M  
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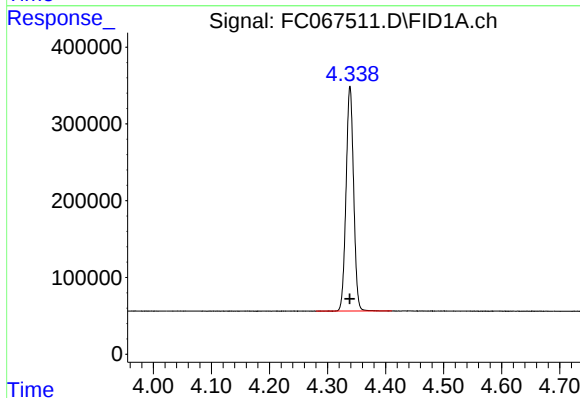




#1 n-Nonane (C9)

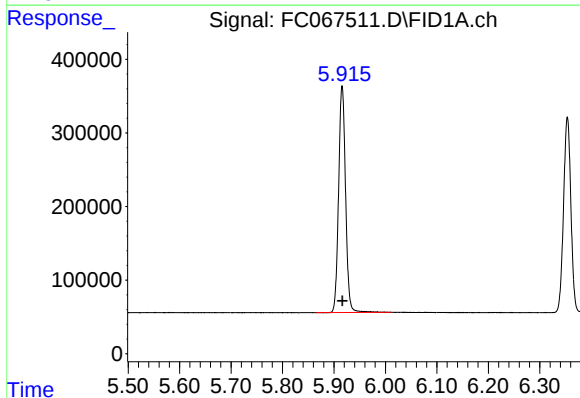
R.T.: 3.274 min  
Delta R.T.: 0.000 min  
Response: 2613683  
Conc: 19.40 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



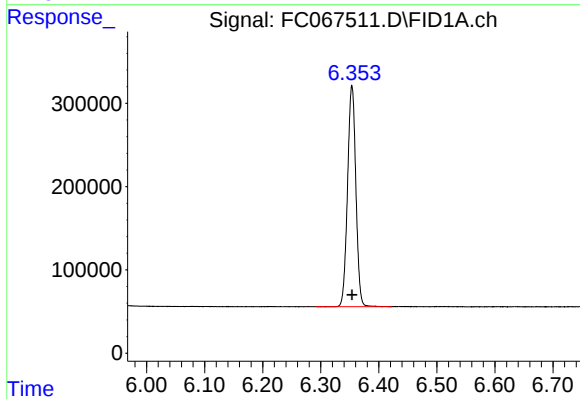
#2 n-Decane (C10)

R.T.: 4.339 min  
Delta R.T.: 0.000 min  
Response: 2649286  
Conc: 19.44 ug/ml



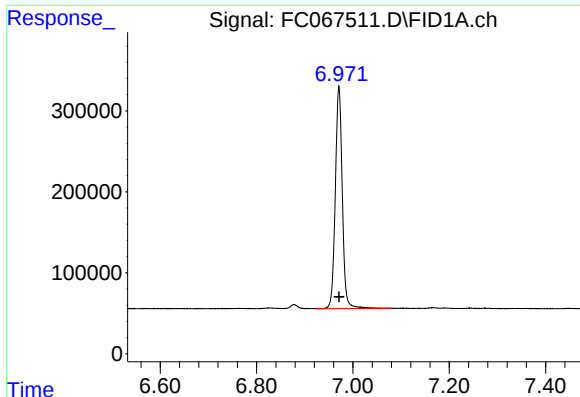
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min  
Delta R.T.: 0.000 min  
Response: 2894144  
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

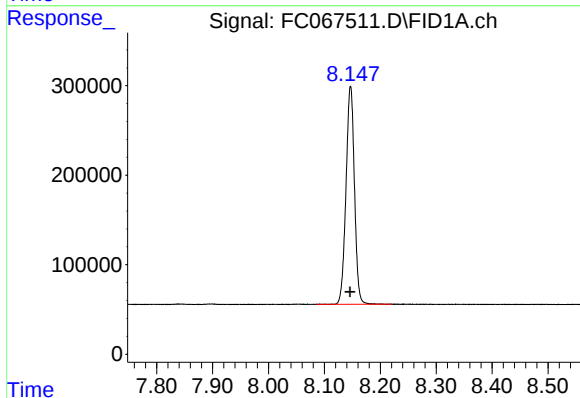
R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 2640477  
Conc: 19.50 ug/ml



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

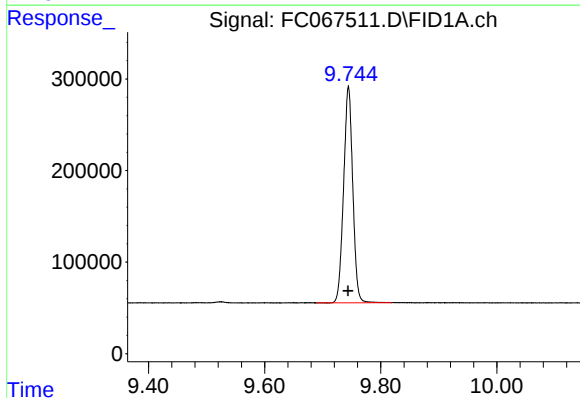
R.T.: 6.971 min  
Delta R.T.: 0.000 min  
Response: 2771002  
Conc: 19.62 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



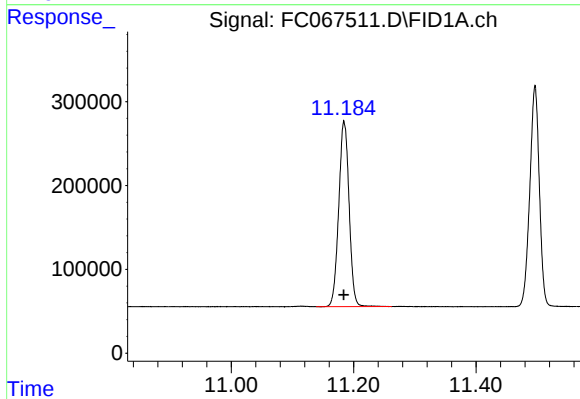
#6 n-Tetradecane (C14)

R.T.: 8.147 min  
Delta R.T.: 0.000 min  
Response: 2559793  
Conc: 19.50 ug/ml



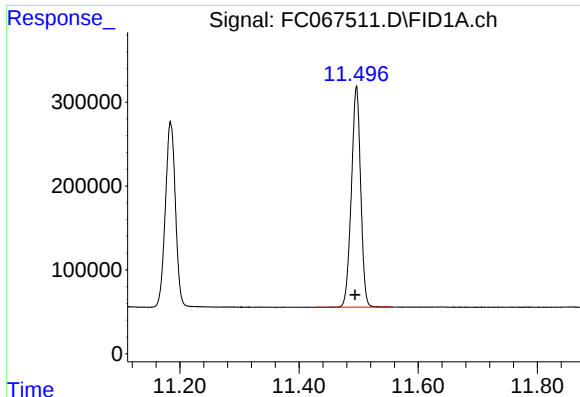
#7 n-Hexadecane (C16)

R.T.: 9.744 min  
Delta R.T.: 0.000 min  
Response: 2585935  
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

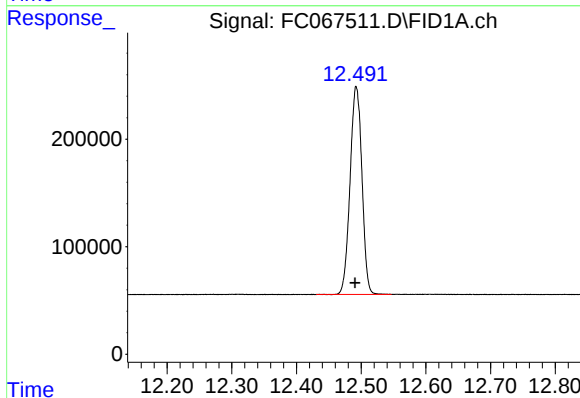
R.T.: 11.185 min  
Delta R.T.: 0.000 min  
Response: 2593351  
Conc: 19.63 ug/ml



#9 ortho-Terphenyl (SURR)

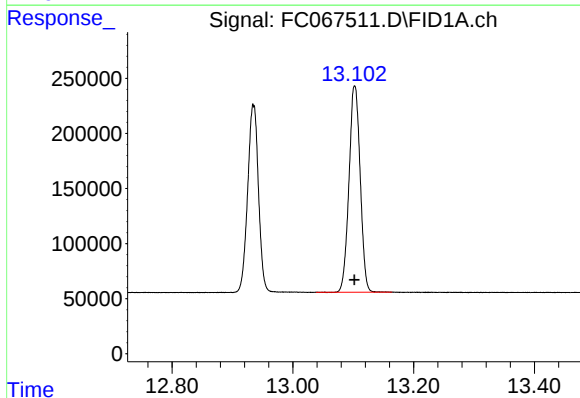
R.T.: 11.496 min  
Delta R.T.: 0.002 min  
Response: 2853188  
Conc: 19.44 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



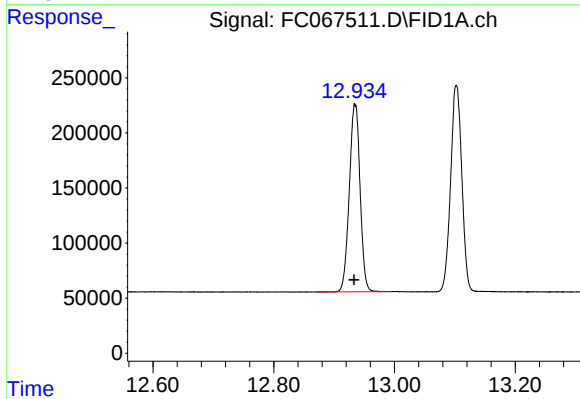
#10 n-Eicosane (C20)

R.T.: 12.493 min  
Delta R.T.: 0.002 min  
Response: 2466507  
Conc: 19.55 ug/ml



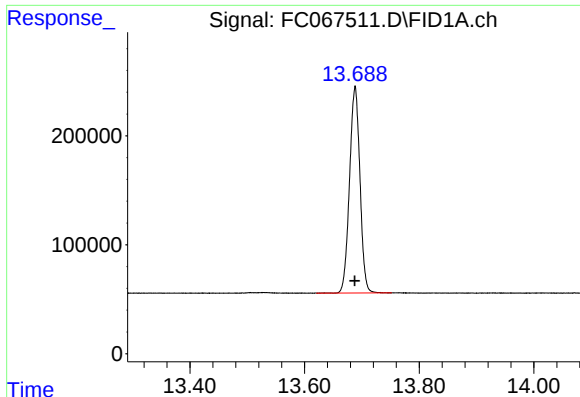
#11 n-Heneicosane (C21)

R.T.: 13.103 min  
Delta R.T.: 0.000 min  
Response: 2414000  
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

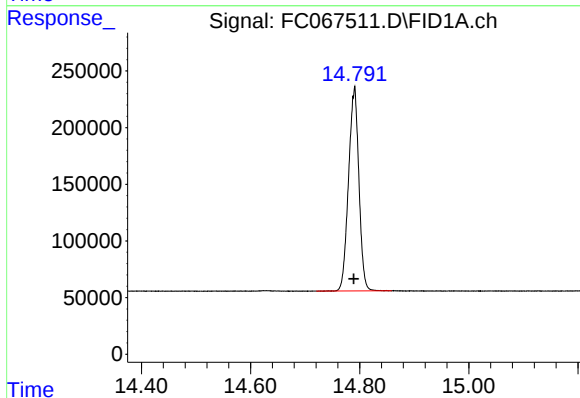
R.T.: 12.935 min  
Delta R.T.: 0.002 min  
Response: 2112213  
Conc: 19.56 ug/ml



#13 n-Docosane (C22)

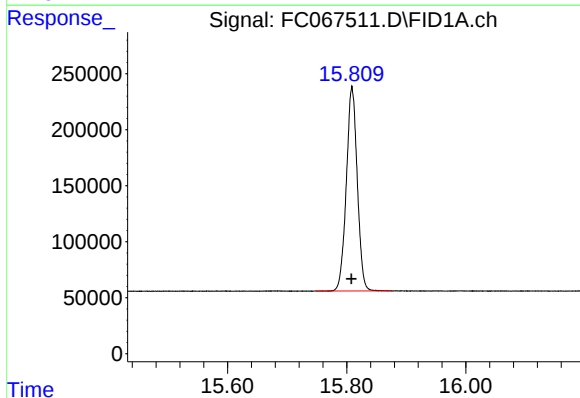
R.T.: 13.688 min  
Delta R.T.: 0.000 min  
Response: 2390568  
Conc: 19.52 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



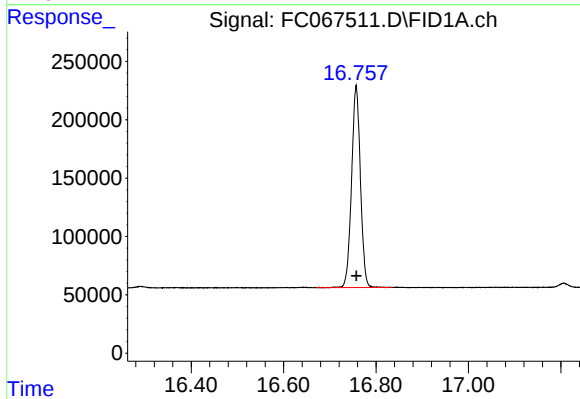
#14 n-Tetracosane (C24)

R.T.: 14.790 min  
Delta R.T.: 0.000 min  
Response: 2369147  
Conc: 19.55 ug/ml



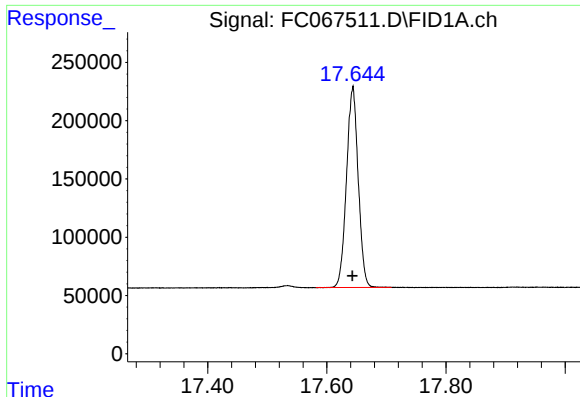
#15 n-Hexacosane (C26)

R.T.: 15.809 min  
Delta R.T.: 0.001 min  
Response: 2326770  
Conc: 19.54 ug/ml



#16 n-Octacosane (C28)

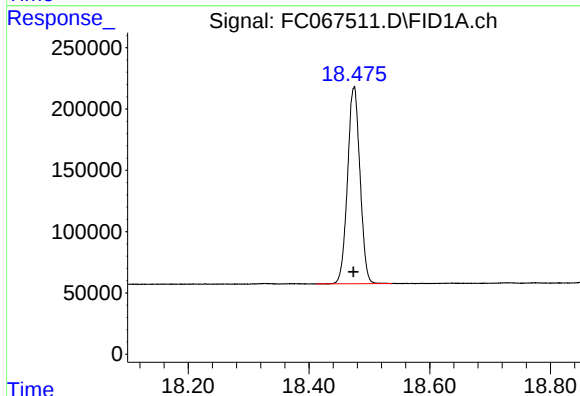
R.T.: 16.757 min  
Delta R.T.: 0.000 min  
Response: 2297199  
Conc: 19.53 ug/ml



#17 n-Tricontane (C30)

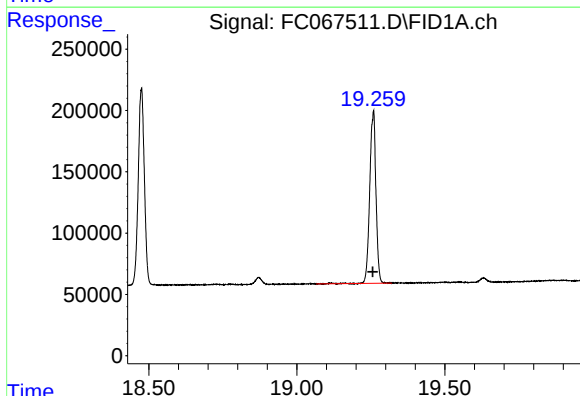
R.T.: 17.643 min  
Delta R.T.: 0.000 min  
Response: 2353840  
Conc: 19.47 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



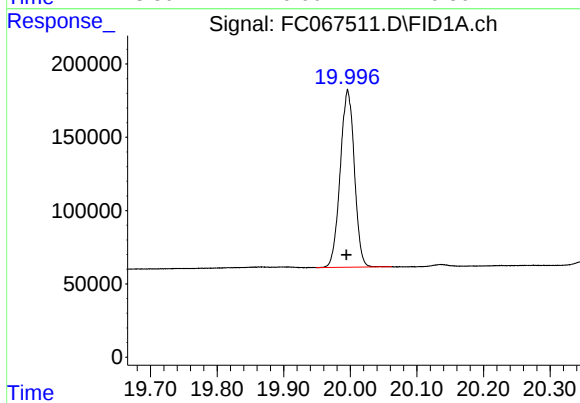
#18 n-Dotriacontane (C32)

R.T.: 18.474 min  
Delta R.T.: 0.000 min  
Response: 2301371  
Conc: 19.45 ug/ml



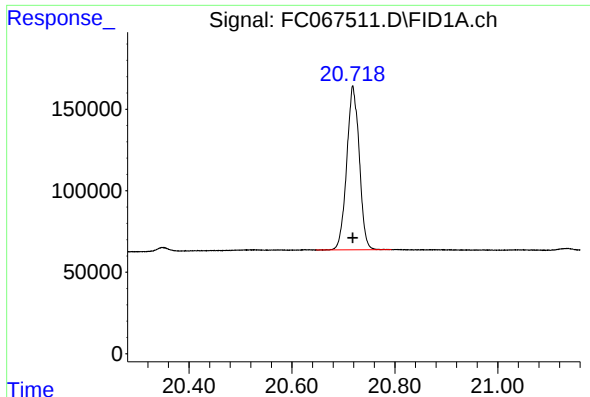
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min  
Delta R.T.: 0.002 min  
Response: 2044186  
Conc: 19.52 ug/ml



#20 n-Hexatriacontane (C36)

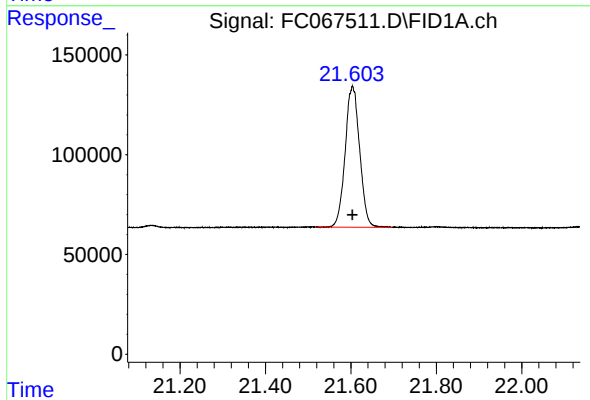
R.T.: 19.996 min  
Delta R.T.: 0.002 min  
Response: 1784212  
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min  
Delta R.T.: 0.000 min  
Response: 1698313  
Conc: 19.61 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.604 min  
Delta R.T.: 0.000 min  
Response: 1661417  
Conc: 19.54 ug/ml