

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022724AL\  
 Data File : FC065903.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Feb 2024 23:18  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 28 01:11:43 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 08 13:26:08 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)    | 11.497 | 3222216    | 18.785 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.57%       |
| 12) S 1-chlorooctadecane (S... | 12.928 | 2418503    | 19.217 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.43%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.287  | 2721377    | 18.114 ug/ml |
| 2) T n-Decane (C10)            | 4.350  | 2826842    | 18.592 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.940  | 2969833    | 19.258 ug/ml |
| 4) T n-Dodecane (C12)          | 6.364  | 2874948    | 18.784 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.997  | 2743710    | 19.268 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.153  | 2804761    | 18.892 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.748  | 2909575    | 19.402 ug/ml |
| 8) T n-Octadecane (C18)        | 11.182 | 2983890    | 19.344 ug/ml |
| 10) T n-Eicosane (C20)         | 12.484 | 2893189    | 19.239 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.093 | 2865588    | 19.161 ug/ml |
| 13) T n-Docosane (C22)         | 13.677 | 2873493    | 19.372 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.774 | 2886539    | 19.414 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.790 | 2891320    | 19.511 ug/ml |
| 16) T n-Octacosane (C28)       | 16.735 | 2968444    | 20.231 ug/ml |
| 17) T n-Tricontane (C30)       | 17.618 | 3255455    | 21.686 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.445 | 3321074    | 22.457 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.224 | 3128351    | 21.584 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.959 | 2920154    | 20.573 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.677 | 2762539    | 19.516 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.548 | 2646280    | 18.971 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

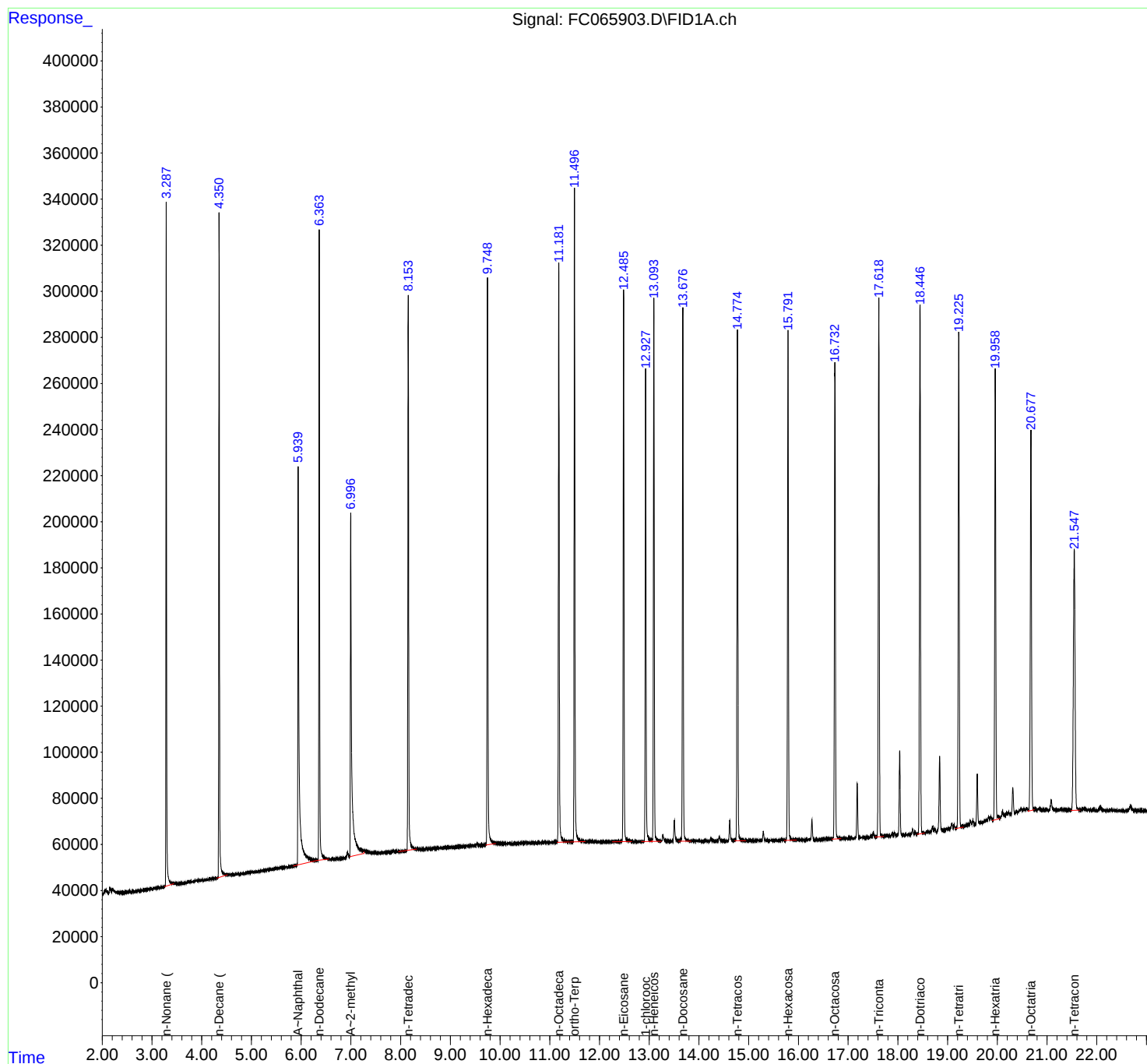
(m)=manual int.

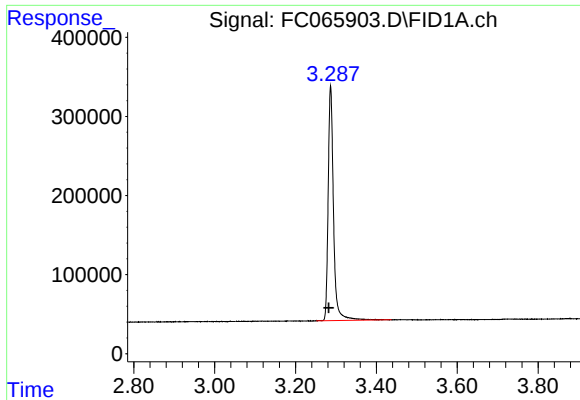
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022724AL\  
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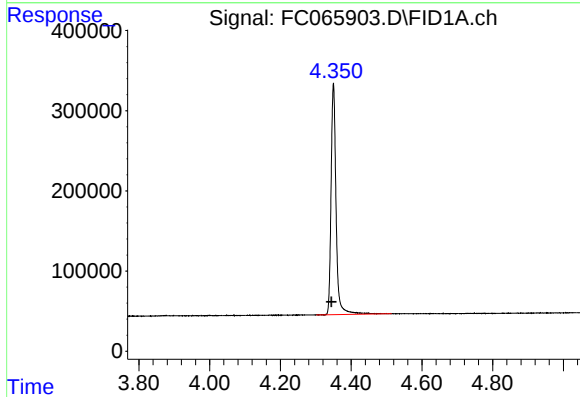




#1 n-Nonane (C9)

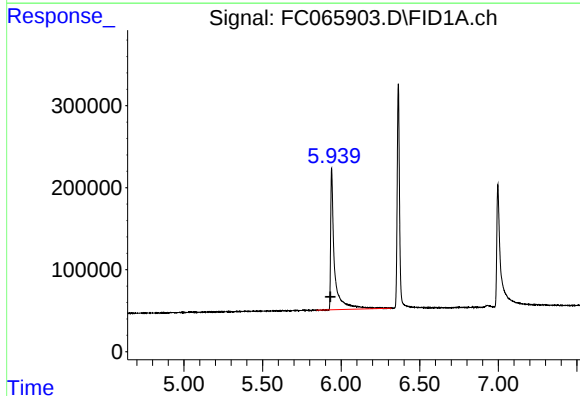
R.T.: 3.287 min  
Delta R.T.: 0.005 min  
Response: 2721377  
Conc: 18.11 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



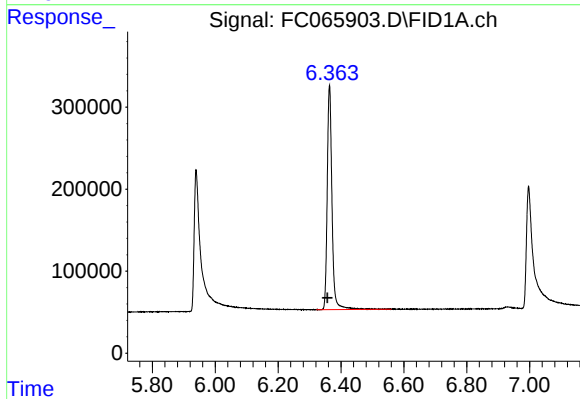
#2 n-Decane (C10)

R.T.: 4.350 min  
Delta R.T.: 0.006 min  
Response: 2826842  
Conc: 18.59 ug/ml



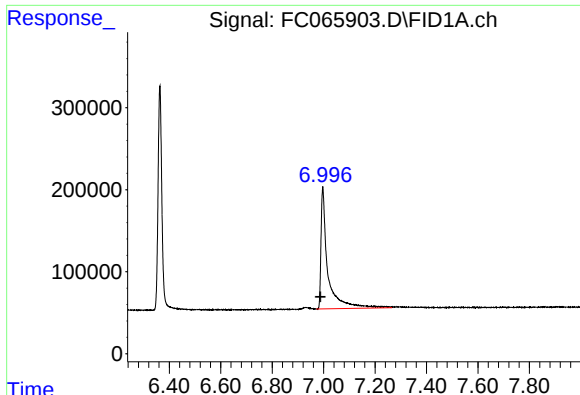
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min  
Delta R.T.: 0.009 min  
Response: 2969833  
Conc: 19.26 ug/ml



#4 n-Dodecane (C12)

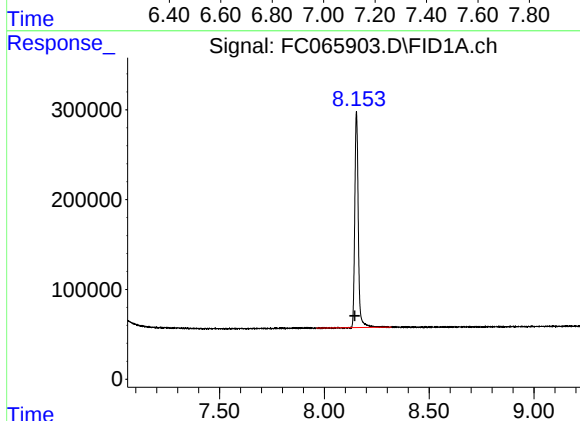
R.T.: 6.364 min  
Delta R.T.: 0.007 min  
Response: 2874948  
Conc: 18.78 ug/ml



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

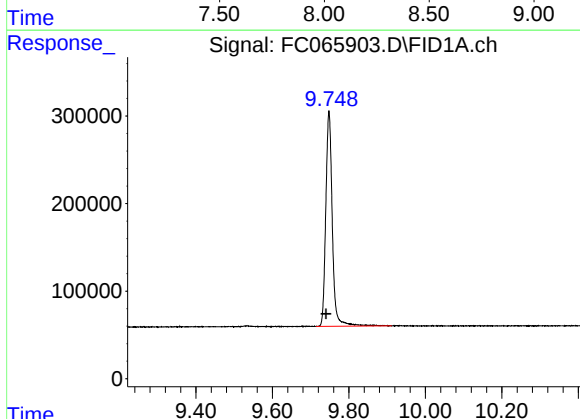
R.T.: 6.997 min  
Delta R.T.: 0.010 min  
Response: 2743710  
Conc: 19.27 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



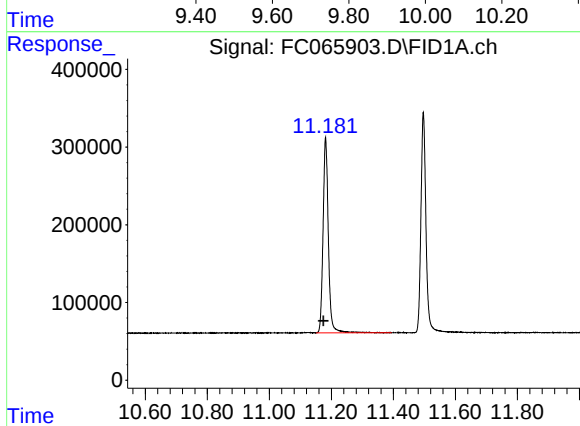
#6 n-Tetradecane (C14)

R.T.: 8.153 min  
Delta R.T.: 0.008 min  
Response: 2804761  
Conc: 18.89 ug/ml



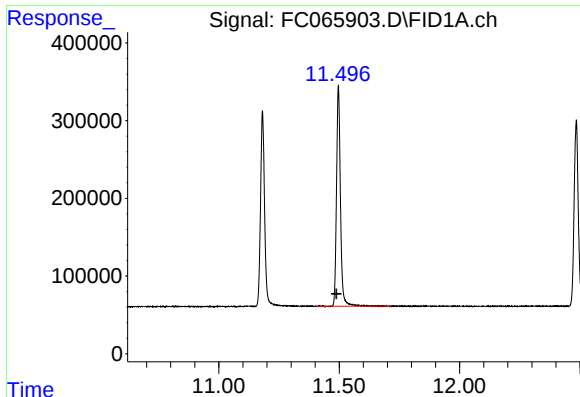
#7 n-Hexadecane (C16)

R.T.: 9.748 min  
Delta R.T.: 0.008 min  
Response: 2909575  
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

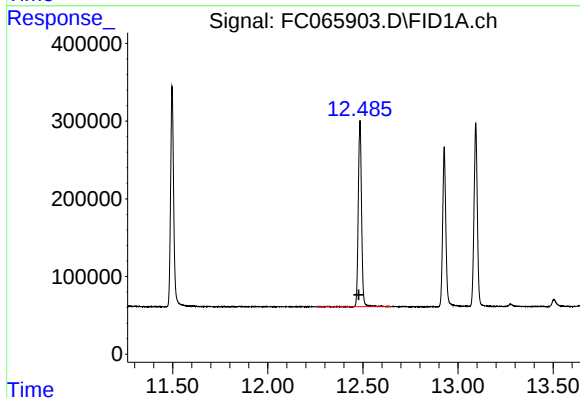
R.T.: 11.182 min  
Delta R.T.: 0.007 min  
Response: 2983890  
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

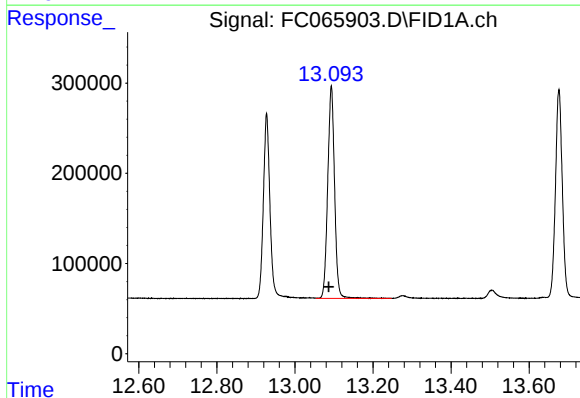
R.T.: 11.497 min  
Delta R.T.: 0.008 min  
Response: 3222216  
Conc: 18.78 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



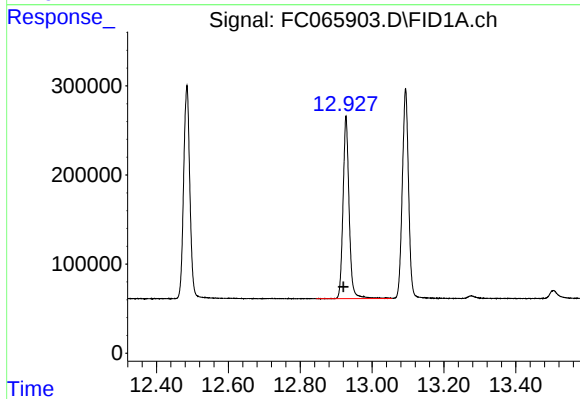
#10 n-Eicosane (C20)

R.T.: 12.484 min  
Delta R.T.: 0.006 min  
Response: 2893189  
Conc: 19.24 ug/ml



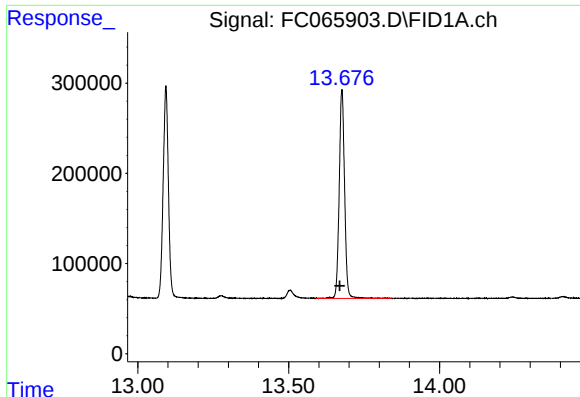
#11 n-Heneicosane (C21)

R.T.: 13.093 min  
Delta R.T.: 0.007 min  
Response: 2865588  
Conc: 19.16 ug/ml



#12 1-chlorooctadecane (SURR)

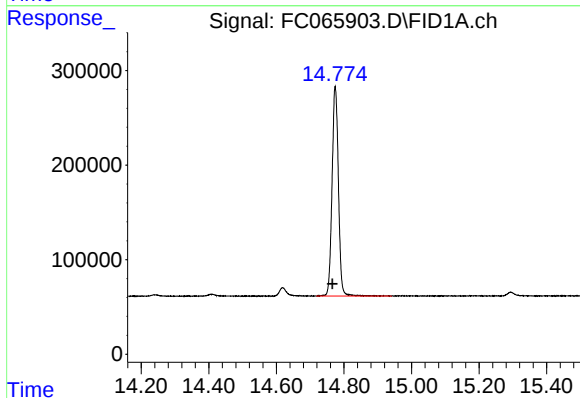
R.T.: 12.928 min  
Delta R.T.: 0.008 min  
Response: 2418503  
Conc: 19.22 ug/ml



#13 n-Docosane (C22)

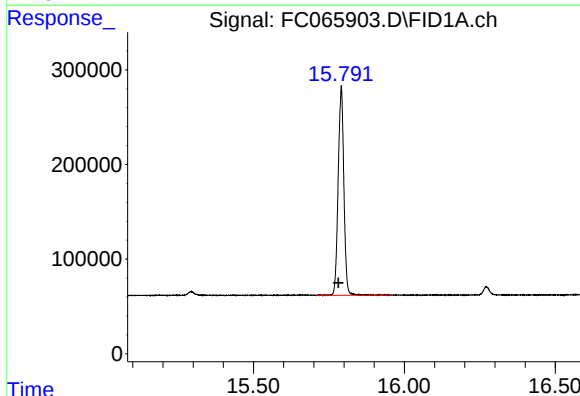
R.T.: 13.677 min  
Delta R.T.: 0.008 min  
Response: 2873493  
Conc: 19.37 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



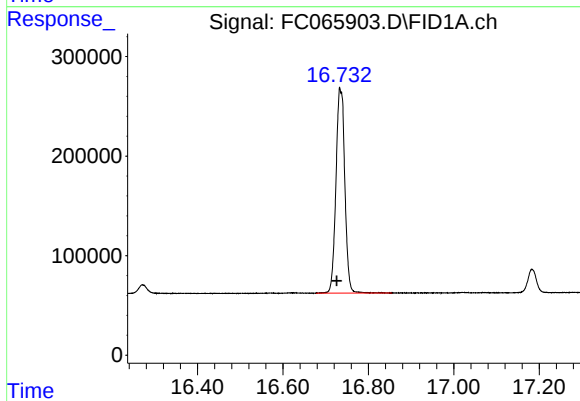
#14 n-Tetracosane (C24)

R.T.: 14.774 min  
Delta R.T.: 0.009 min  
Response: 2886539  
Conc: 19.41 ug/ml



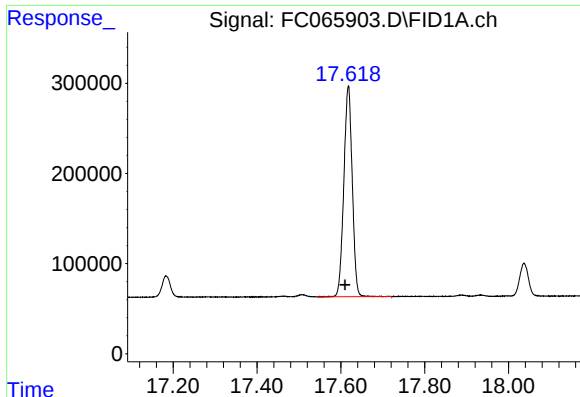
#15 n-Hexacosane (C26)

R.T.: 15.790 min  
Delta R.T.: 0.009 min  
Response: 2891320  
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

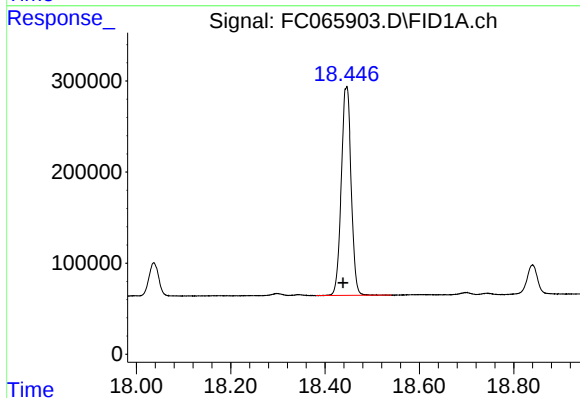
R.T.: 16.735 min  
Delta R.T.: 0.009 min  
Response: 2968444  
Conc: 20.23 ug/ml



#17 n-Tricontane (C30)

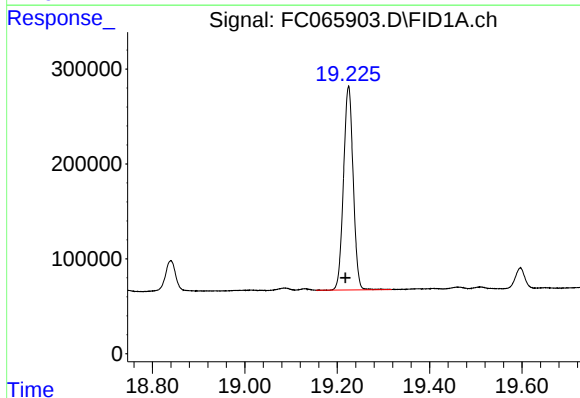
R.T.: 17.618 min  
Delta R.T.: 0.008 min  
Response: 3255455  
Conc: 21.69 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



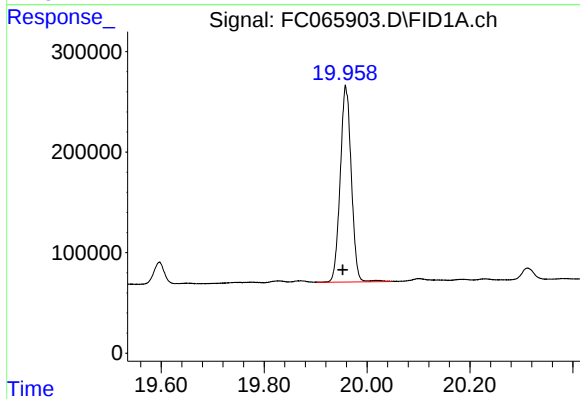
#18 n-Dotriacontane (C32)

R.T.: 18.445 min  
Delta R.T.: 0.007 min  
Response: 3321074  
Conc: 22.46 ug/ml



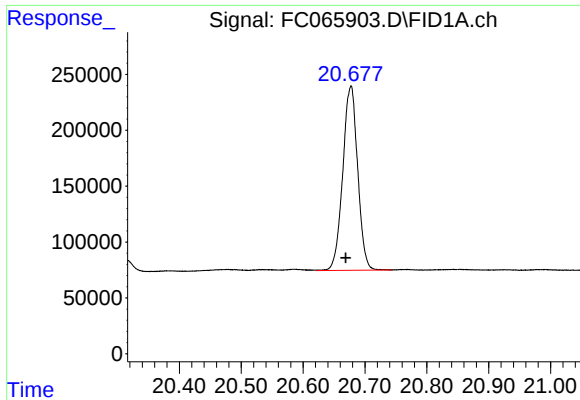
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min  
Delta R.T.: 0.007 min  
Response: 3128351  
Conc: 21.58 ug/ml



#20 n-Hexatriacontane (C36)

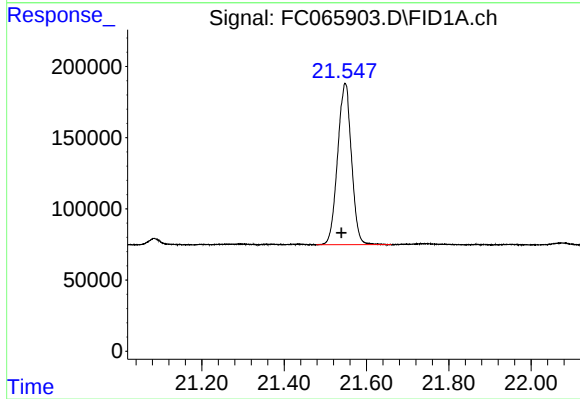
R.T.: 19.959 min  
Delta R.T.: 0.006 min  
Response: 2920154  
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.677 min  
Delta R.T.: 0.008 min  
Response: 2762539  
Conc: 19.52 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.548 min  
Delta R.T.: 0.009 min  
Response: 2646280  
Conc: 18.97 ug/ml