

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062423AL\  
 Data File : FC063986.D  
 Signal(s) : FID1A.ch  
 Acq On : 24 Jun 2023 14:57  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 87 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 25 04:07:44 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062423.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jun 25 04:03:48 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)    | 11.524 | 4095689    | 21.094 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.19%       |
| 12) S 1-chlorooctadecane (S... | 12.960 | 2938150    | 21.118 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.24%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.306  | 3771434    | 21.146 ug/ml |
| 2) T n-Decane (C10)            | 4.368  | 3839007    | 21.215 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.949  | 3978643    | 21.330 ug/ml |
| 4) T n-Dodecane (C12)          | 6.383  | 3812530    | 21.163 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.005  | 3761439    | 21.373 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.175  | 3657172    | 21.141 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.773  | 3671041    | 21.133 ug/ml |
| 8) T n-Octadecane (C18)        | 11.212 | 3644097    | 21.144 ug/ml |
| 10) T n-Eicosane (C20)         | 12.518 | 3431159    | 21.018 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.128 | 3338650    | 20.838 ug/ml |
| 13) T n-Docosane (C22)         | 13.712 | 3315869    | 21.102 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.812 | 3294253    | 20.900 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.830 | 3262531    | 21.594 ug/ml |
| 16) T n-Octacosane (C28)       | 16.777 | 3237003    | 21.482 ug/ml |
| 17) T n-Tricontane (C30)       | 17.661 | 3335436    | 21.364 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.491 | 3314573    | 20.981 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.272 | 3211441    | 20.870 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.009 | 3097360    | 20.979 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.735 | 3107610    | 20.979 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.623 | 3073219    | 21.084 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

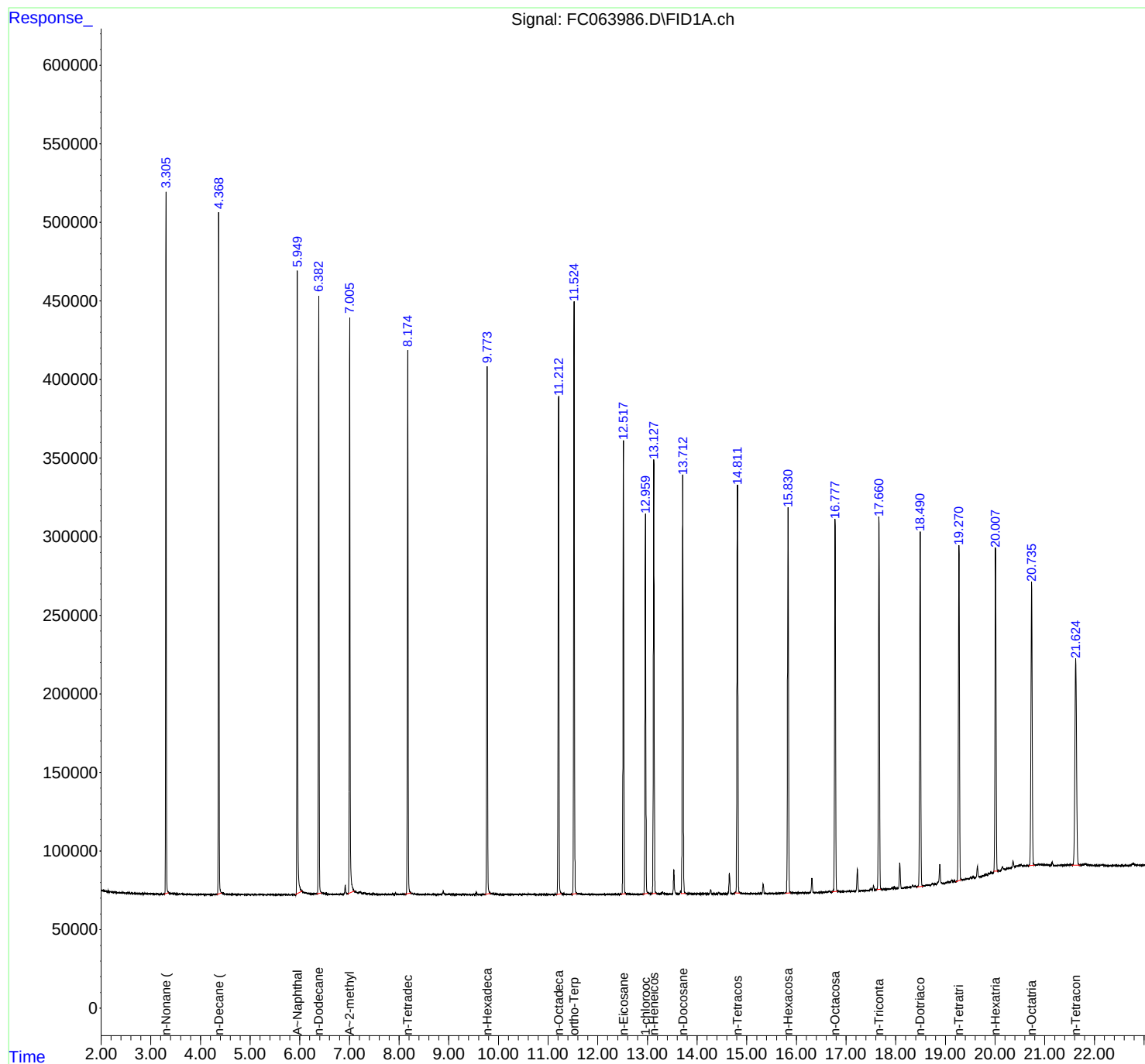
(m)=manual int.

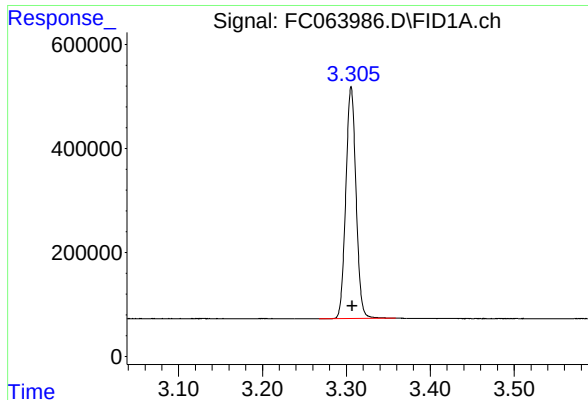
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062423AL\  
Data File : FC063986.D  
Signal(s) : FID1A.ch  
Acq On : 24 Jun 2023 14:57  
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Sample : 20 PPM ALIPHATIC HC STD  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062423.M  
Quant Title : GC Extractables  
QLast Update : Sun Jun 25 04:03:48 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

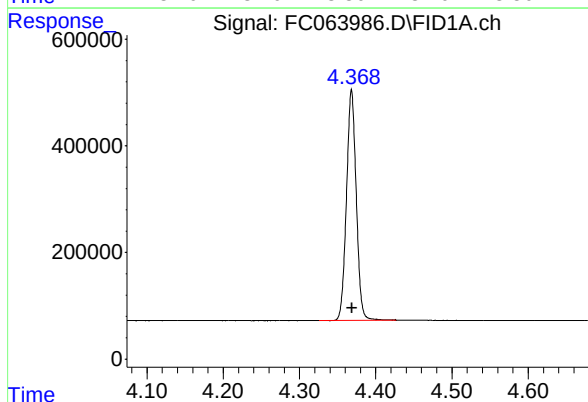




#1 n-Nonane (C9)

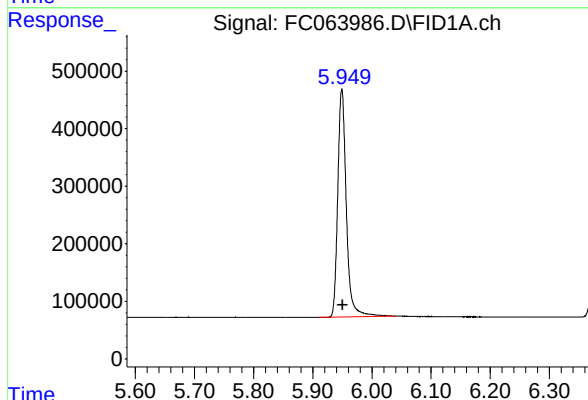
R.T.: 3.306 min  
Delta R.T.: -0.001 min  
Response: 3771434  
Conc: 21.15 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



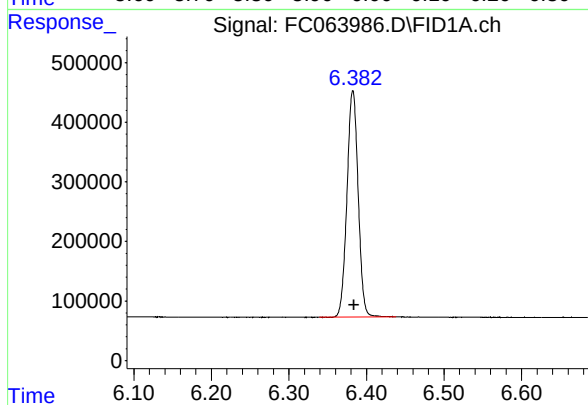
#2 n-Decane (C10)

R.T.: 4.368 min  
Delta R.T.: 0.000 min  
Response: 3839007  
Conc: 21.22 ug/ml



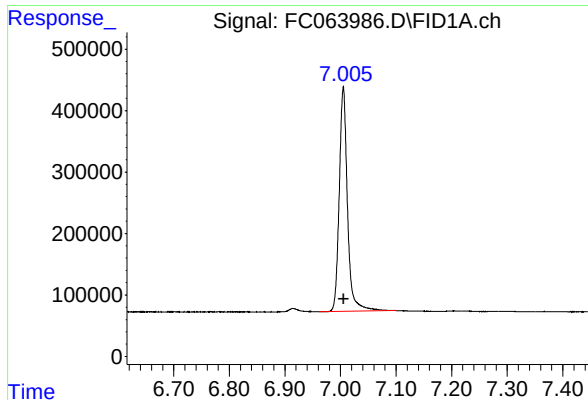
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min  
Delta R.T.: -0.001 min  
Response: 3978643  
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

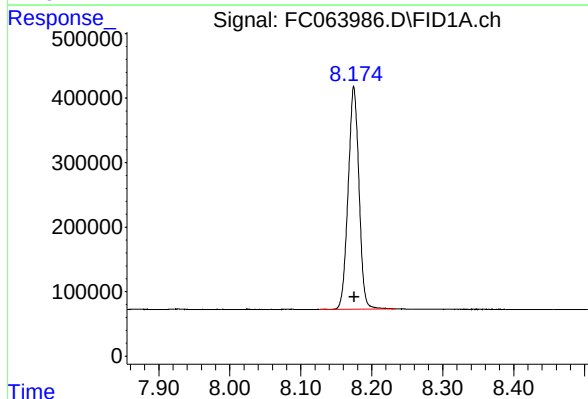
R.T.: 6.383 min  
Delta R.T.: -0.001 min  
Response: 3812530  
Conc: 21.16 ug/ml



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

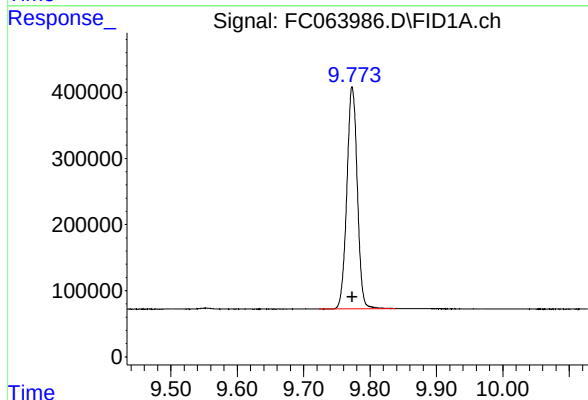
R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 3761439  
Conc: 21.37 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



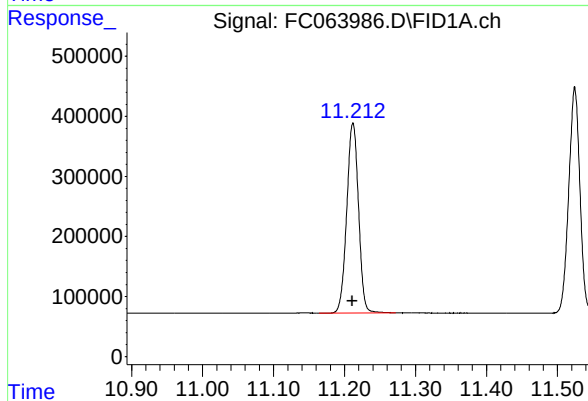
#6 n-Tetradecane (C14)

R.T.: 8.175 min  
Delta R.T.: 0.000 min  
Response: 3657172  
Conc: 21.14 ug/ml



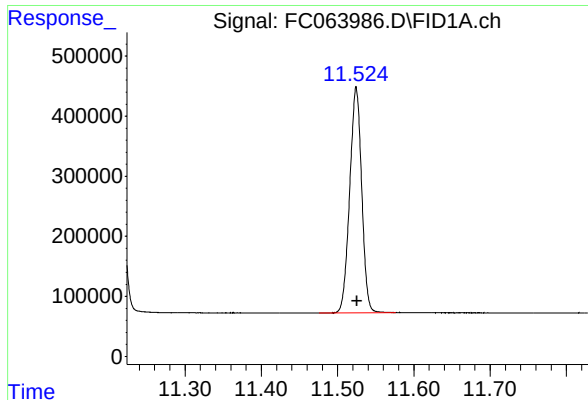
#7 n-Hexadecane (C16)

R.T.: 9.773 min  
Delta R.T.: 0.000 min  
Response: 3671041  
Conc: 21.13 ug/ml



#8 n-Octadecane (C18)

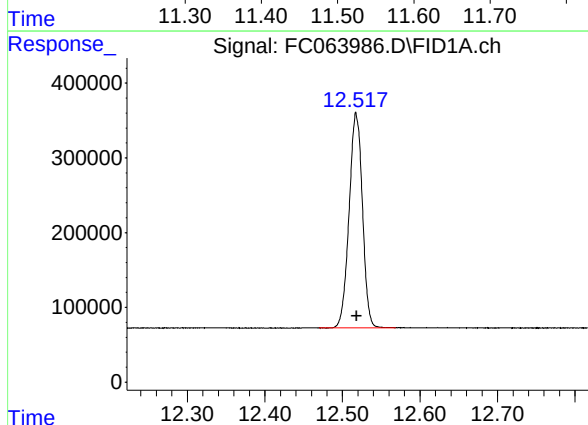
R.T.: 11.212 min  
Delta R.T.: 0.000 min  
Response: 3644097  
Conc: 21.14 ug/ml



#9 ortho-Terphenyl (SURR)

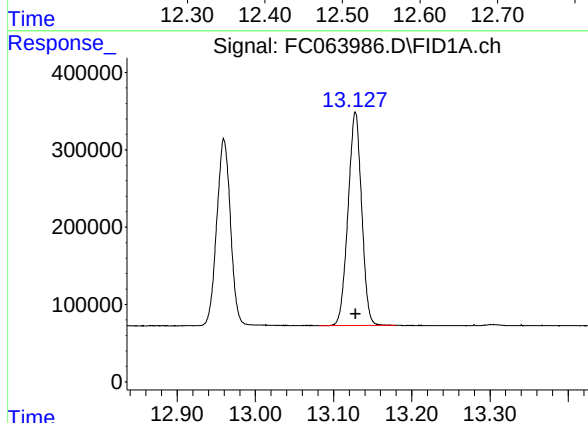
R.T.: 11.524 min  
Delta R.T.: 0.000 min  
Response: 4095689  
Conc: 21.09 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



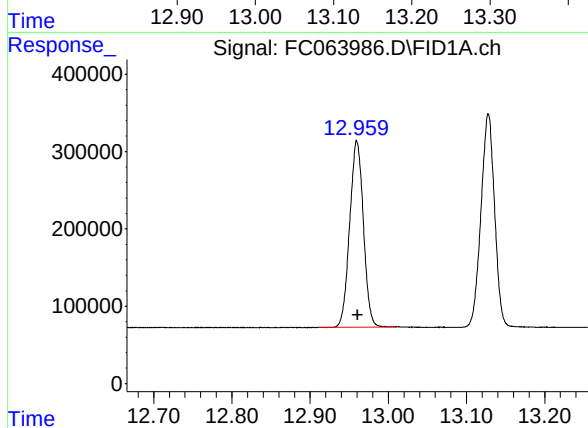
#10 n-Eicosane (C20)

R.T.: 12.518 min  
Delta R.T.: 0.000 min  
Response: 3431159  
Conc: 21.02 ug/ml



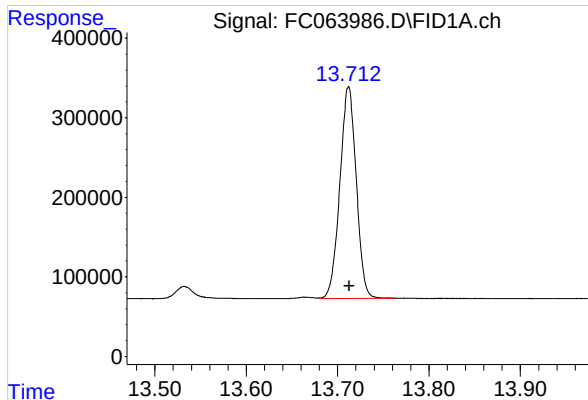
#11 n-Heneicosane (C21)

R.T.: 13.128 min  
Delta R.T.: 0.000 min  
Response: 3338650  
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

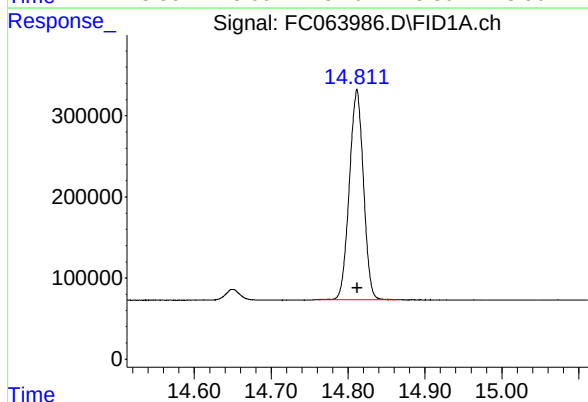
R.T.: 12.960 min  
Delta R.T.: 0.000 min  
Response: 2938150  
Conc: 21.12 ug/ml



#13 n-Docosane (C22)

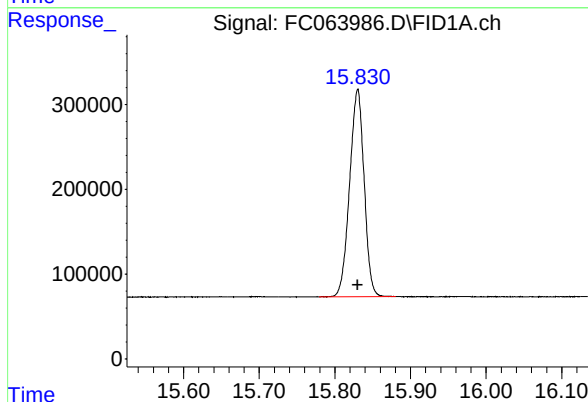
R.T.: 13.712 min  
Delta R.T.: 0.000 min  
Response: 3315869  
Conc: 21.10 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



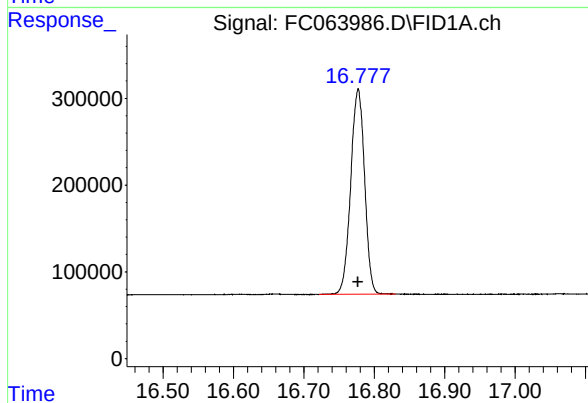
#14 n-Tetracosane (C24)

R.T.: 14.812 min  
Delta R.T.: 0.000 min  
Response: 3294253  
Conc: 20.90 ug/ml



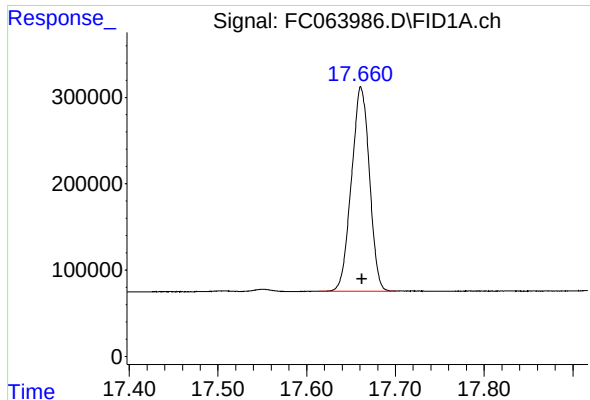
#15 n-Hexacosane (C26)

R.T.: 15.830 min  
Delta R.T.: 0.000 min  
Response: 3262531  
Conc: 21.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.777 min  
Delta R.T.: 0.000 min  
Response: 3237003  
Conc: 21.48 ug/ml



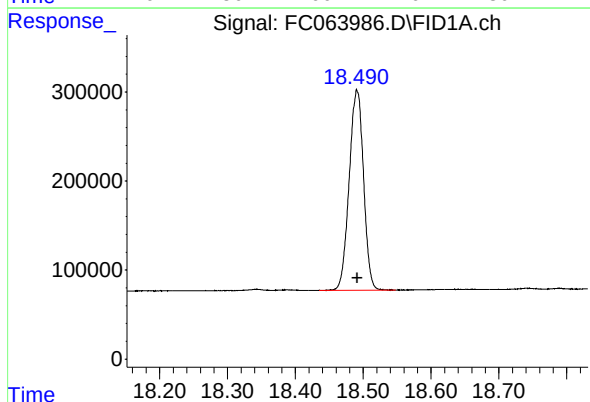
#17 n-Tricontane (C30)

R.T.: 17.661 min  
Delta R.T.: -0.001 min  
Response: 3335436  
Conc: 21.36 ug/ml

Instrument :

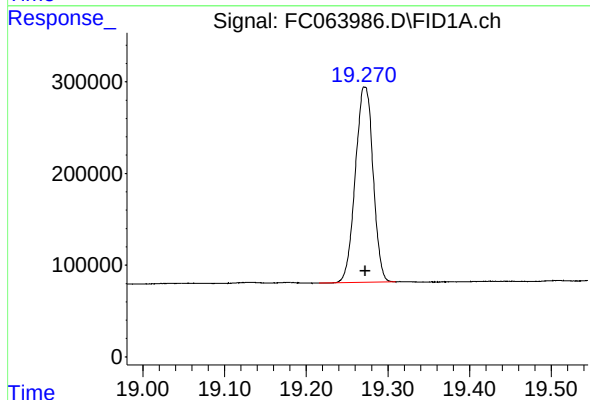
FID\_C

ClientSampleId :



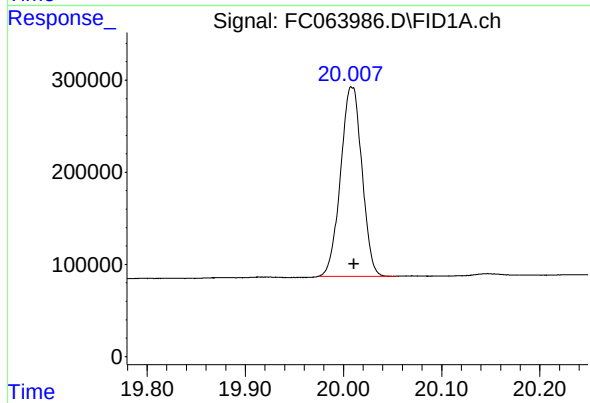
#18 n-Dotriacontane (C32)

R.T.: 18.491 min  
Delta R.T.: 0.000 min  
Response: 3314573  
Conc: 20.98 ug/ml



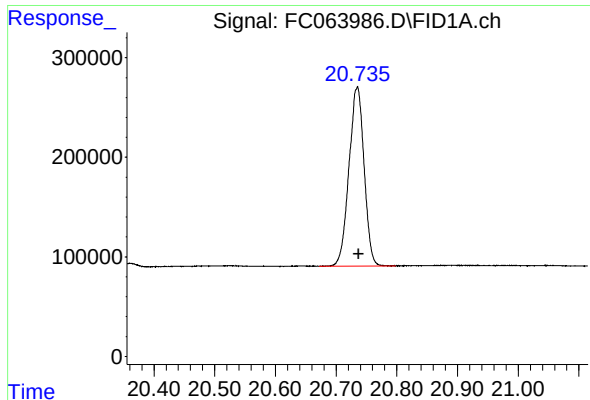
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min  
Delta R.T.: 0.000 min  
Response: 3211441  
Conc: 20.87 ug/ml



#20 n-Hexatriacontane (C36)

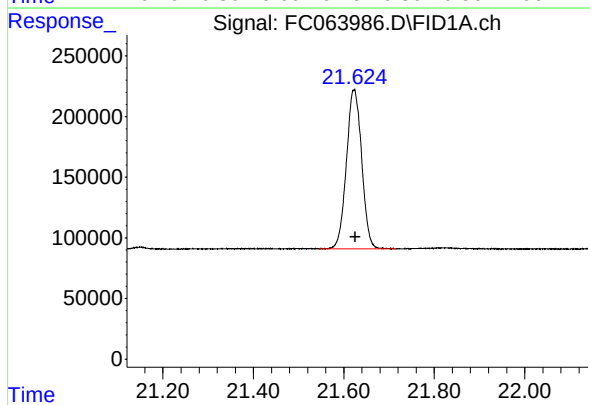
R.T.: 20.009 min  
Delta R.T.: -0.002 min  
Response: 3097360  
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min  
Delta R.T.: -0.003 min  
Response: 3107610  
Conc: 20.98 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.623 min  
Delta R.T.: -0.002 min  
Response: 3073219  
Conc: 21.08 ug/ml