

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080124AL\  
 Data File : FC066883.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Aug 2024 09:34  
 Operator : YP/AJ  
 Sample : P3390-03  
 Misc : 2.5 PPM SOIL MDL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 02 02:56:02 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 13:58:41 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.956 | 3411521    | 30.510 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 61.02%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.285  | 193488     | 1.364 ug/ml  |
| 2) T n-Decane (C10)            | 4.350  | 235423     | 1.593 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.367  | 365998     | 2.441 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.161  | 330108     | 2.256 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.762  | 286185     | 1.912 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.202 | 294441     | 1.984 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.511 | 299135     | 2.146 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.123 | 270414     | 1.985 ug/ml  |
| 13) T n-Docosane (C22)         | 13.708 | 286301     | 2.131 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.810 | 287127     | 2.159 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.831 | 281733     | 2.165 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.781 | 285293     | 2.261 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.666 | 311795     | 2.425 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.500 | 317280     | 2.520 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.283 | 302222     | 2.443 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.023 | 257957     | 2.218 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.750 | 264773     | 2.383 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.646 | 241007     | 2.217 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

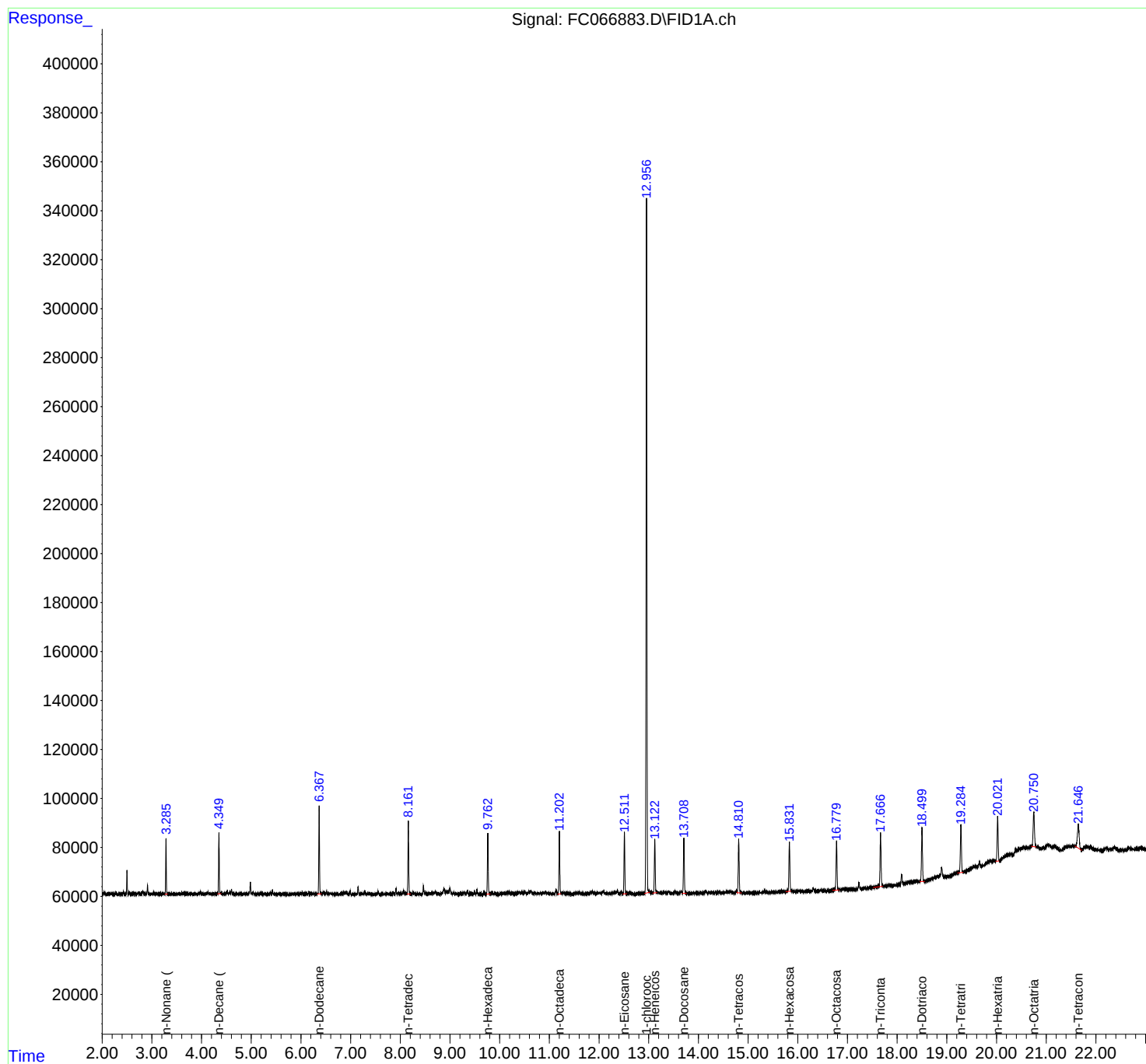
(m)=manual int.

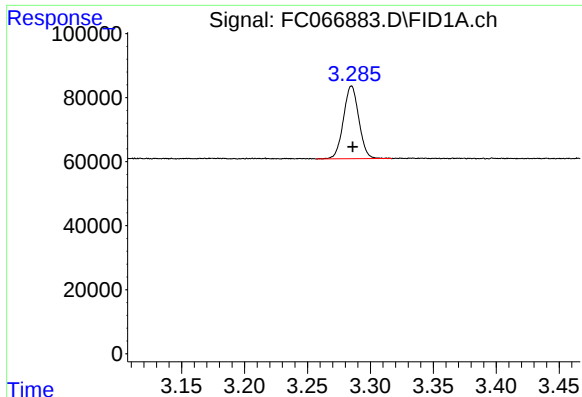
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Signal Phase : Rxi-1ms  
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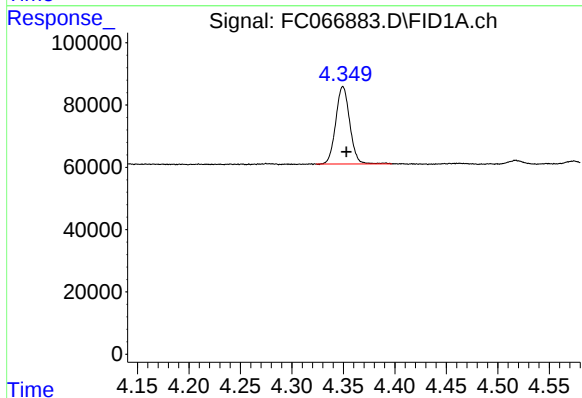




#1 n-Nonane (C9)

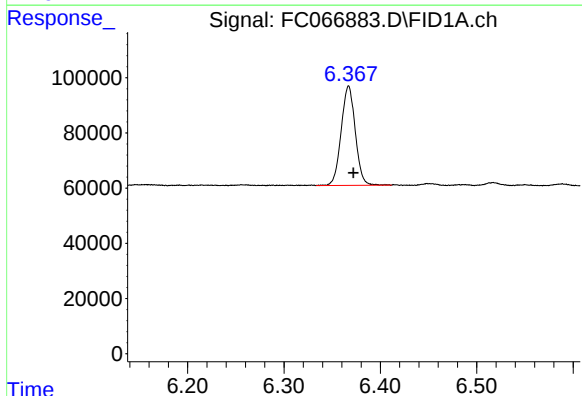
R.T.: 3.285 min  
Delta R.T.: 0.000 min  
Response: 193488  
Conc: 1.36 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



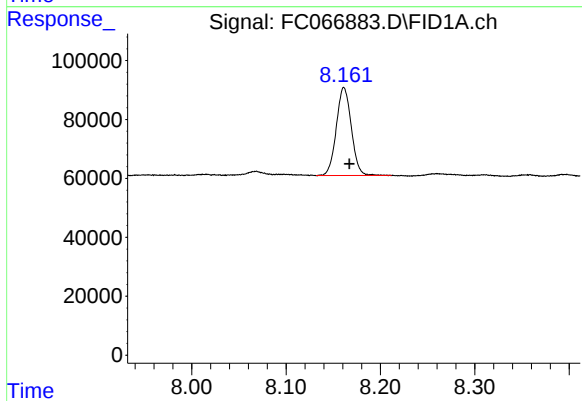
#2 n-Decane (C10)

R.T.: 4.350 min  
Delta R.T.: -0.003 min  
Response: 235423  
Conc: 1.59 ug/ml



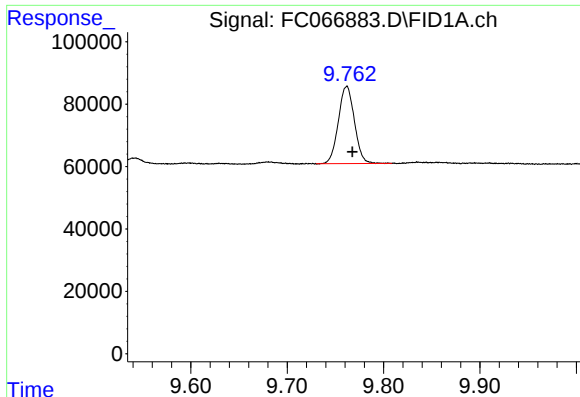
#4 n-Dodecane (C12)

R.T.: 6.367 min  
Delta R.T.: -0.005 min  
Response: 365998  
Conc: 2.44 ug/ml



#6 n-Tetradecane (C14)

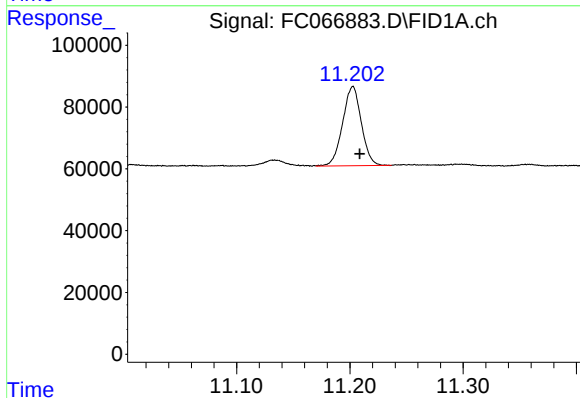
R.T.: 8.161 min  
Delta R.T.: -0.006 min  
Response: 330108  
Conc: 2.26 ug/ml



#7 n-Hexadecane (C16)

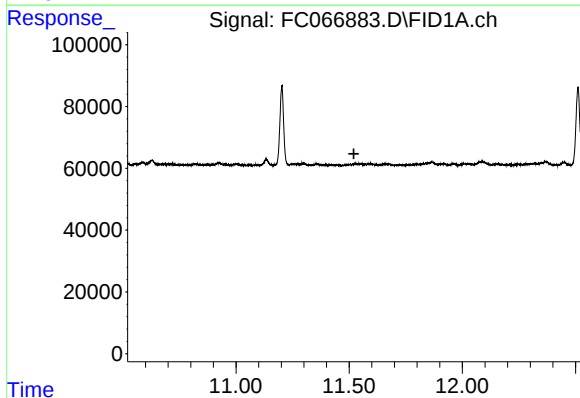
R.T.: 9.762 min  
Delta R.T.: -0.006 min  
Response: 286185  
Conc: 1.91 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



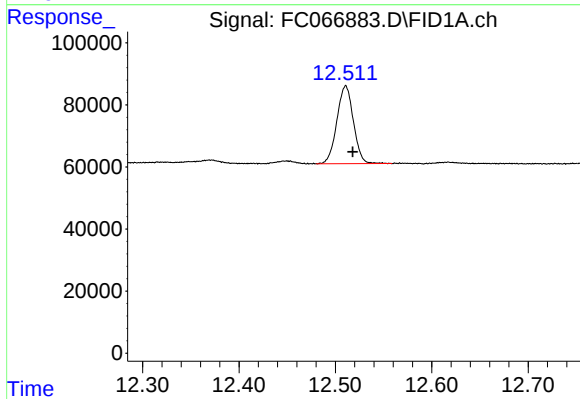
#8 n-Octadecane (C18)

R.T.: 11.202 min  
Delta R.T.: -0.006 min  
Response: 294441  
Conc: 1.98 ug/ml



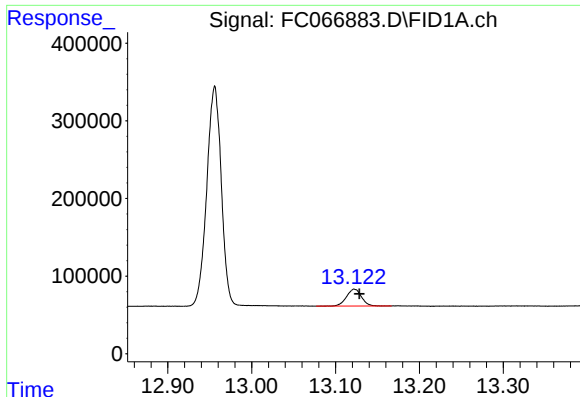
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.521 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

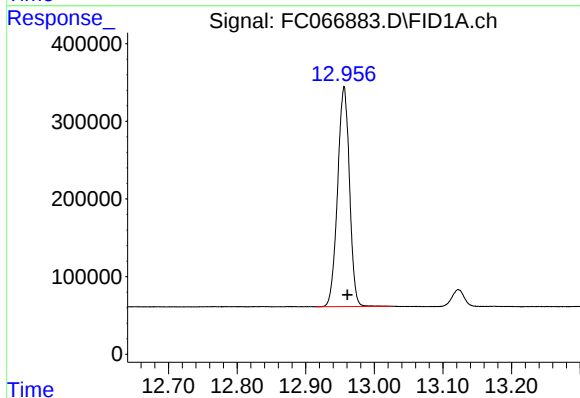
R.T.: 12.511 min  
Delta R.T.: -0.007 min  
Response: 299135  
Conc: 2.15 ug/ml



#11 n-Heneicosane (C21)

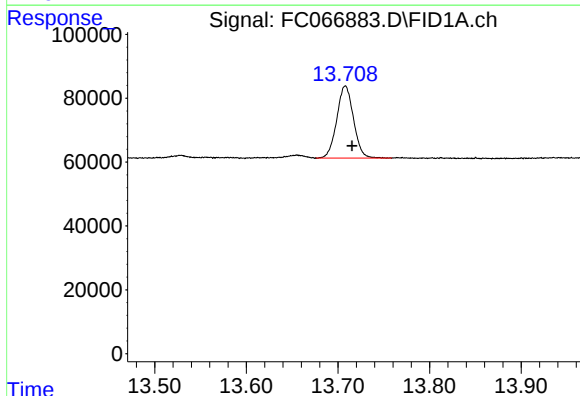
R.T.: 13.123 min  
Delta R.T.: -0.006 min  
Response: 270414  
Conc: 1.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



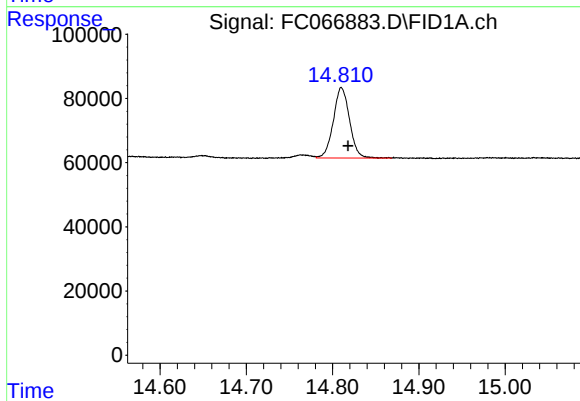
#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min  
Delta R.T.: -0.005 min  
Response: 3411521  
Conc: 30.51 ug/ml



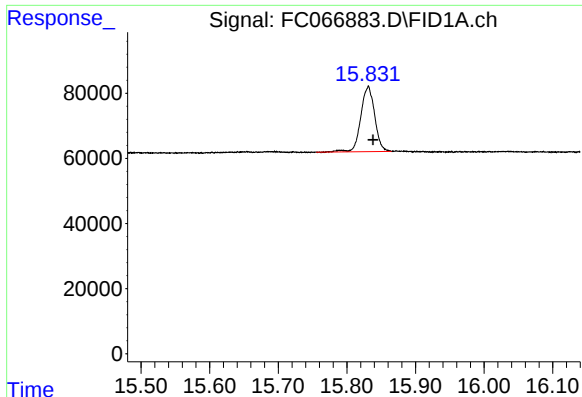
#13 n-Docosane (C22)

R.T.: 13.708 min  
Delta R.T.: -0.007 min  
Response: 286301  
Conc: 2.13 ug/ml



#14 n-Tetracosane (C24)

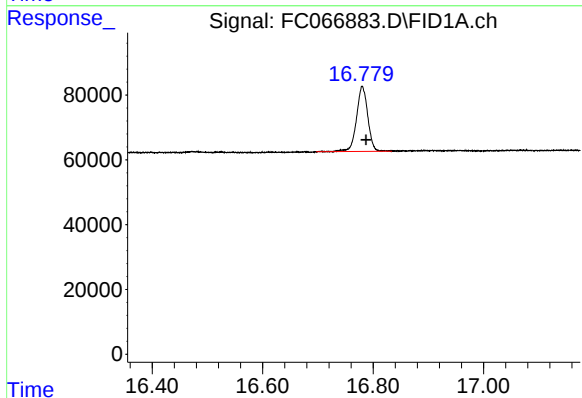
R.T.: 14.810 min  
Delta R.T.: -0.007 min  
Response: 287127  
Conc: 2.16 ug/ml



#15 n-Hexacosane (C26)

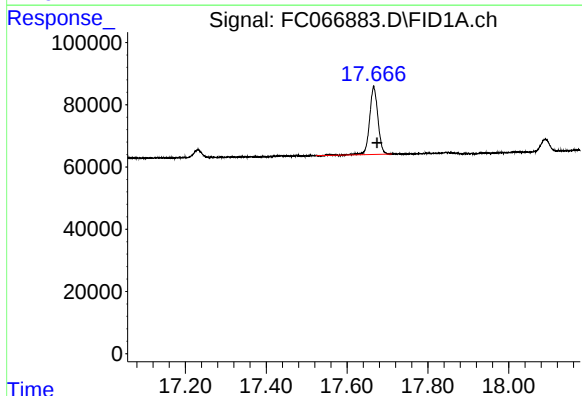
R.T.: 15.831 min  
Delta R.T.: -0.007 min  
Response: 281733  
Conc: 2.17 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



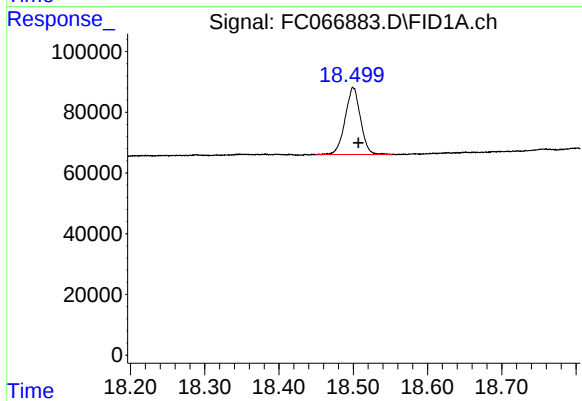
#16 n-Octacosane (C28)

R.T.: 16.781 min  
Delta R.T.: -0.007 min  
Response: 285293  
Conc: 2.26 ug/ml



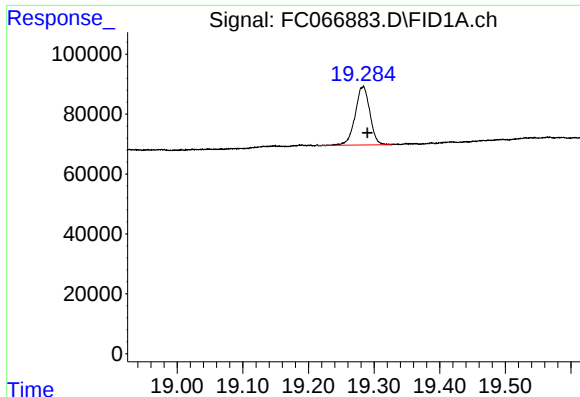
#17 n-Tricontane (C30)

R.T.: 17.666 min  
Delta R.T.: -0.008 min  
Response: 311795  
Conc: 2.42 ug/ml



#18 n-Dotriacontane (C32)

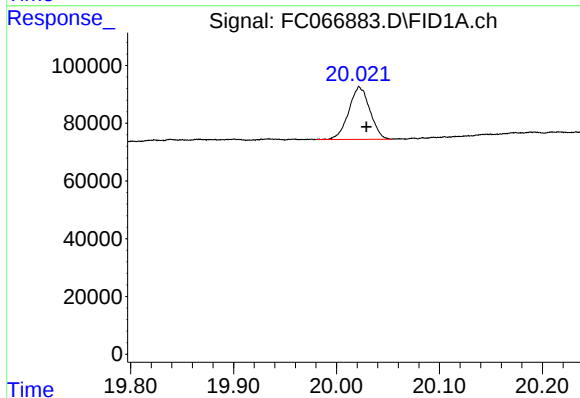
R.T.: 18.500 min  
Delta R.T.: -0.007 min  
Response: 317280  
Conc: 2.52 ug/ml



#19 n-Tetratriacontane (C34)

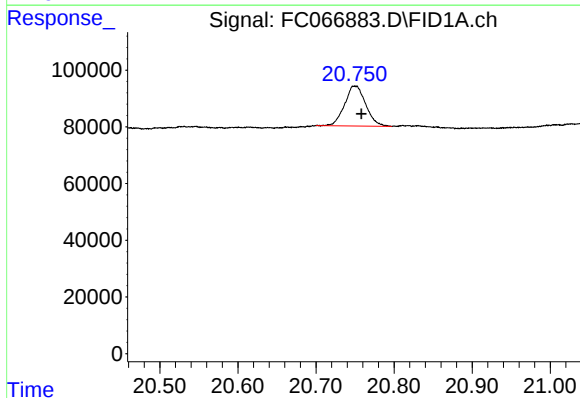
R.T.: 19.283 min  
Delta R.T.: -0.007 min  
Response: 302222  
Conc: 2.44 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



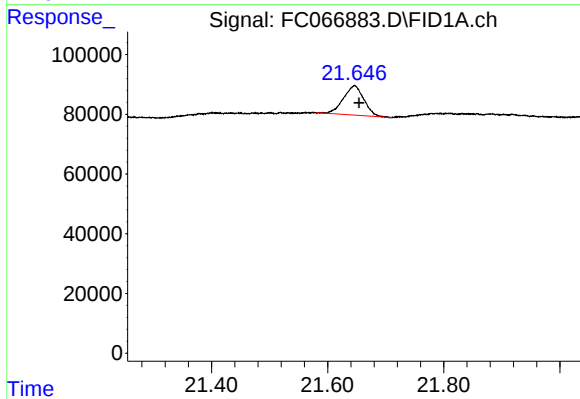
#20 n-Hexatriacontane (C36)

R.T.: 20.023 min  
Delta R.T.: -0.007 min  
Response: 257957  
Conc: 2.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min  
Delta R.T.: -0.008 min  
Response: 264773  
Conc: 2.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.646 min  
Delta R.T.: -0.008 min  
Response: 241007  
Conc: 2.22 ug/ml