

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032625AL\  
 Data File : FC068404.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Mar 2025 12:21  
 Operator : YP/AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 26 13:13:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032625.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 26 13:10:46 2025  
 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)    | 11.384 | 2086658    | 10.090 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.18%       |
| 12) S 1-chlorooctadecane (S... | 12.826 | 1580360    | 10.141 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.28%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.200  | 1652195    | 9.963 ug/ml  |
| 2) T n-Decane (C10)            | 4.255  | 1673518    | 9.926 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.820  | 1817299    | 9.837 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.261  | 1706663    | 9.979 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.871  | 1740430    | 9.760 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.047  | 1699414    | 9.911 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.643  | 1787303    | 9.950 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.080 | 1839600    | 10.028 ug/ml |
| 10) T n-Eicosane (C20)         | 12.386 | 1812535    | 10.169 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.996 | 1781013    | 10.178 ug/ml |
| 13) T n-Docosane (C22)         | 13.581 | 1793771    | 10.275 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.681 | 1816027    | 10.433 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.699 | 1777806    | 10.444 ug/ml |
| 16) T n-Octacosane (C28)       | 16.647 | 1765534    | 10.496 ug/ml |
| 17) T n-Tricontane (C30)       | 17.533 | 1853554    | 10.580 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.365 | 1792145    | 10.572 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.146 | 1586807    | 10.509 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.886 | 1308753    | 10.319 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.595 | 1139413    | 10.173 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.443 | 1032339    | 10.043 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

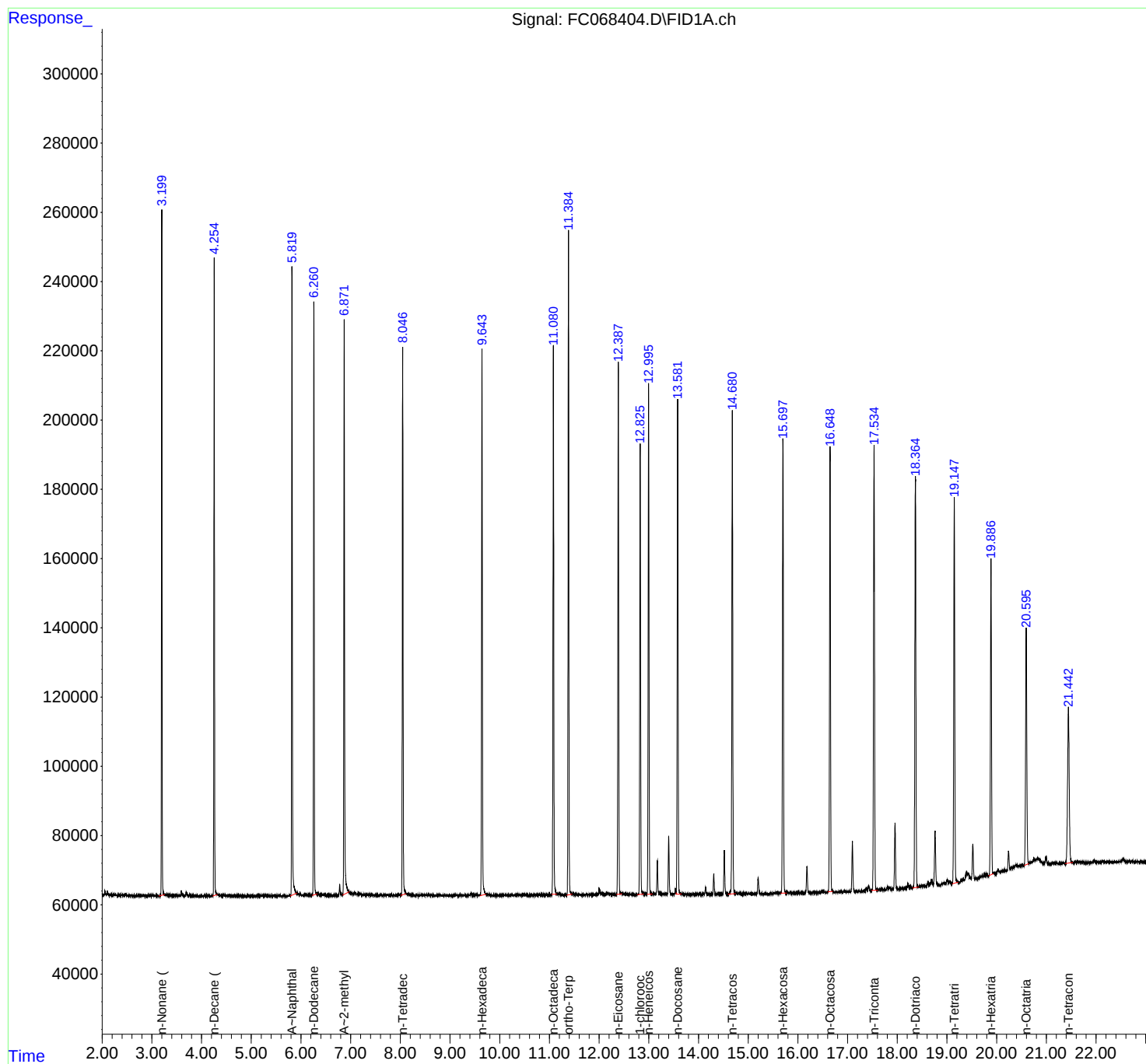
(m)=manual int.

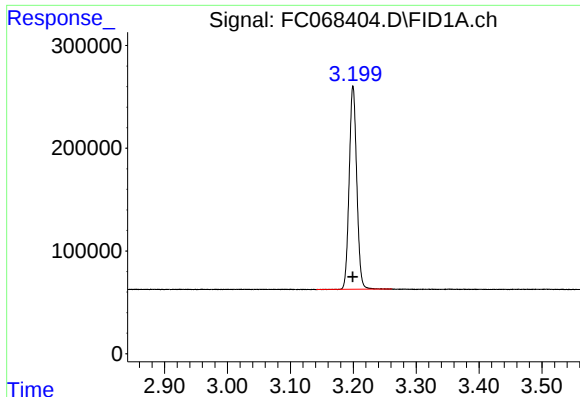
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032625AL\  
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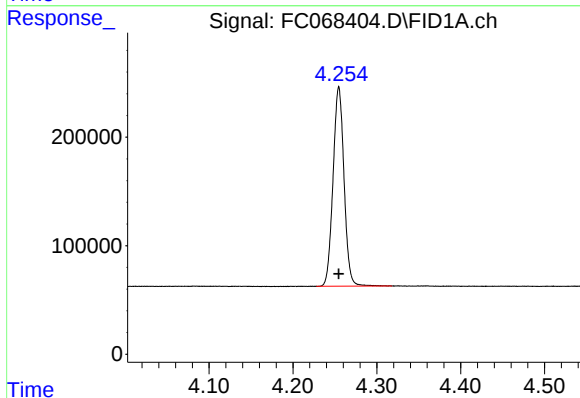




#1 n-Nonane (C9)

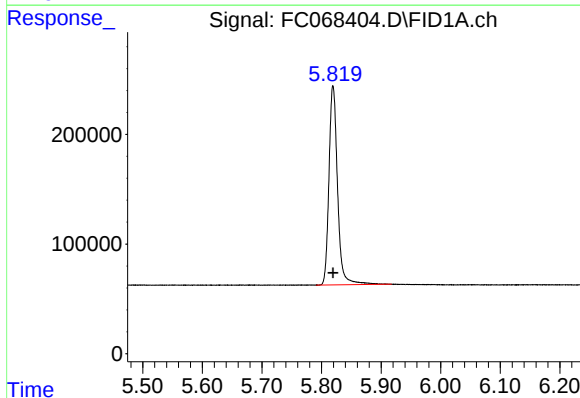
R.T.: 3.200 min  
Delta R.T.: 0.000 min  
Response: 1652195  
Conc: 9.96 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



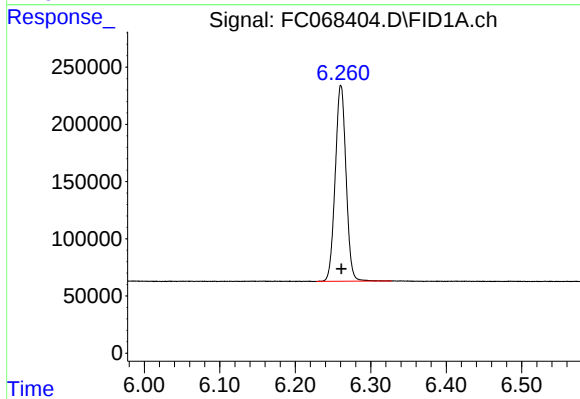
#2 n-Decane (C10)

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 1673518  
Conc: 9.93 ug/ml



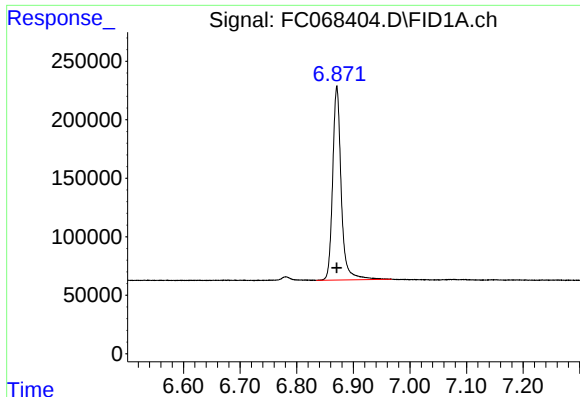
#3 A~Naphthalene (C11.7)

R.T.: 5.820 min  
Delta R.T.: 0.000 min  
Response: 1817299  
Conc: 9.84 ug/ml



#4 n-Dodecane (C12)

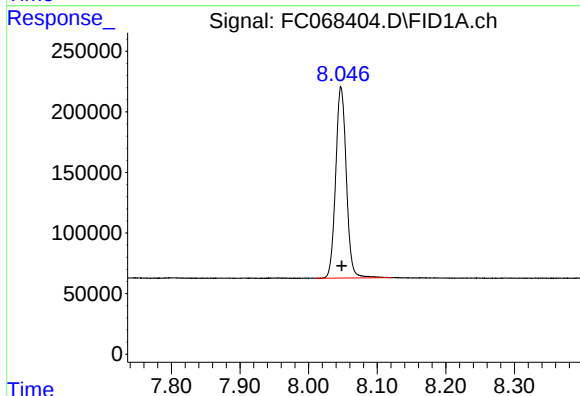
R.T.: 6.261 min  
Delta R.T.: 0.000 min  
Response: 1706663  
Conc: 9.98 ug/ml



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

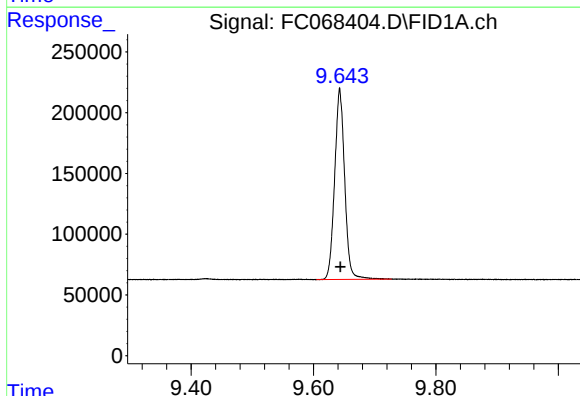
R.T.: 6.871 min  
Delta R.T.: 0.000 min  
Response: 1740430  
Conc: 9.76 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



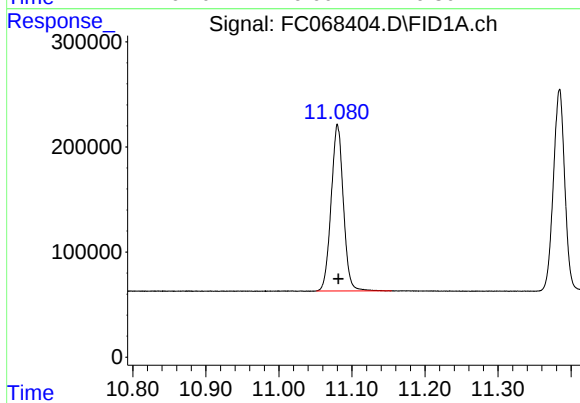
#6 n-Tetradecane (C14)

R.T.: 8.047 min  
Delta R.T.: 0.000 min  
Response: 1699414  
Conc: 9.91 ug/ml



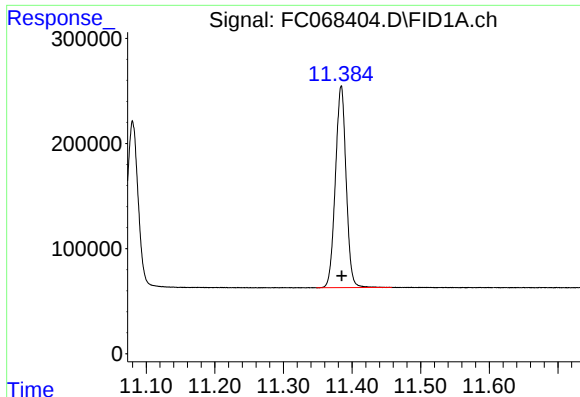
#7 n-Hexadecane (C16)

R.T.: 9.643 min  
Delta R.T.: 0.000 min  
Response: 1787303  
Conc: 9.95 ug/ml



#8 n-Octadecane (C18)

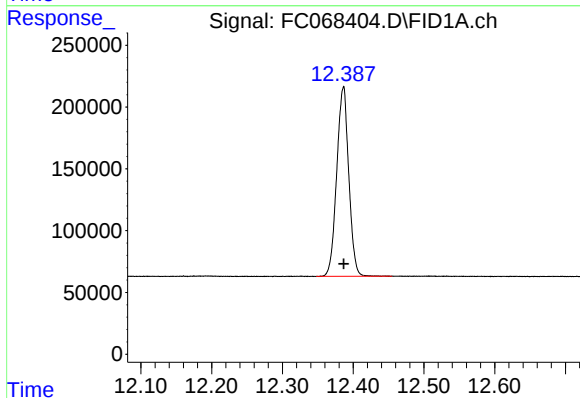
R.T.: 11.080 min  
Delta R.T.: -0.001 min  
Response: 1839600  
Conc: 10.03 ug/ml



#9 ortho-Terphenyl (SURR)

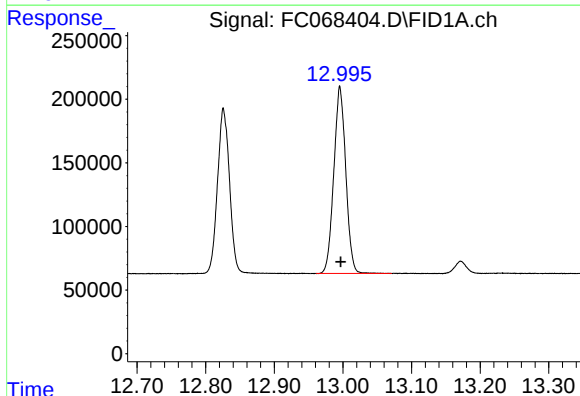
R.T.: 11.384 min  
Delta R.T.: 0.000 min  
Response: 2086658  
Conc: 10.09 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



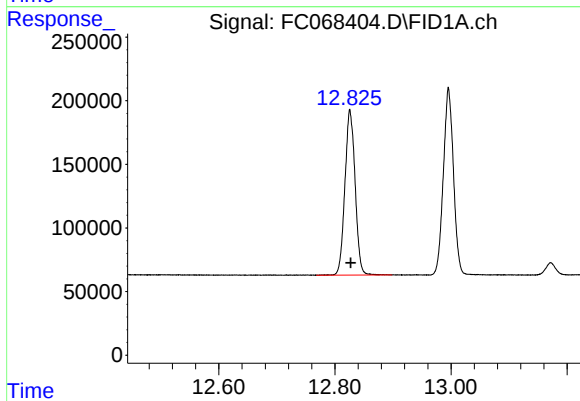
#10 n-Eicosane (C20)

R.T.: 12.386 min  
Delta R.T.: 0.000 min  
Response: 1812535  
Conc: 10.17 ug/ml



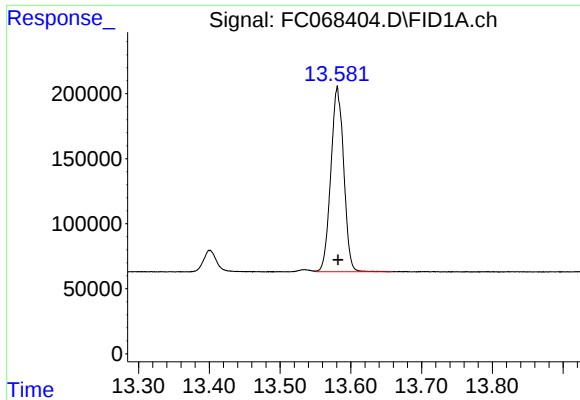
#11 n-Heneicosane (C21)

R.T.: 12.996 min  
Delta R.T.: -0.001 min  
Response: 1781013  
Conc: 10.18 ug/ml



#12 1-chlorooctadecane (SURR)

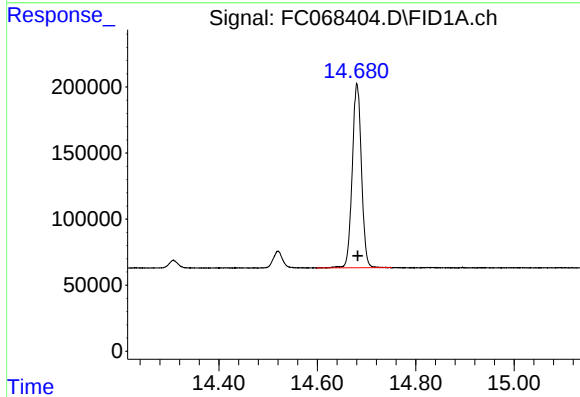
R.T.: 12.826 min  
Delta R.T.: 0.000 min  
Response: 1580360  
Conc: 10.14 ug/ml



#13 n-Docosane (C22)

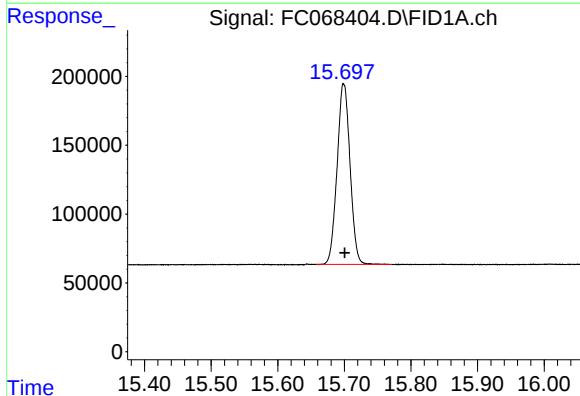
R.T.: 13.581 min  
Delta R.T.: 0.000 min  
Response: 1793771  
Conc: 10.27 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



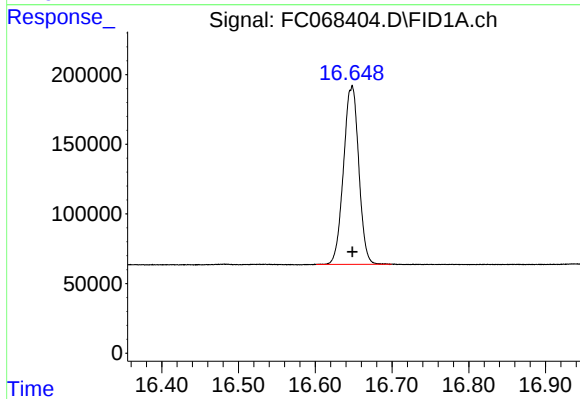
#14 n-Tetracosane (C24)

R.T.: 14.681 min  
Delta R.T.: -0.002 min  
Response: 1816027  
Conc: 10.43 ug/ml



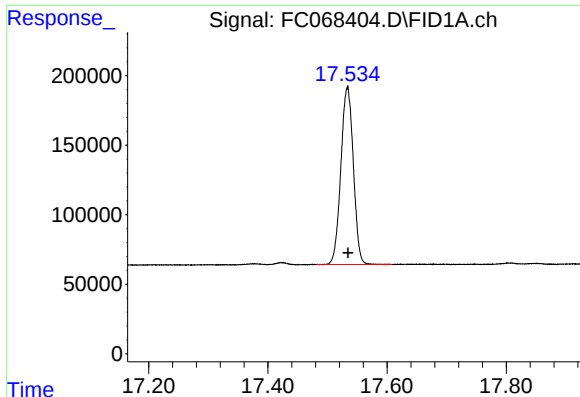
#15 n-Hexacosane (C26)

R.T.: 15.699 min  
Delta R.T.: -0.001 min  
Response: 1777806  
Conc: 10.44 ug/ml



#16 n-Octacosane (C28)

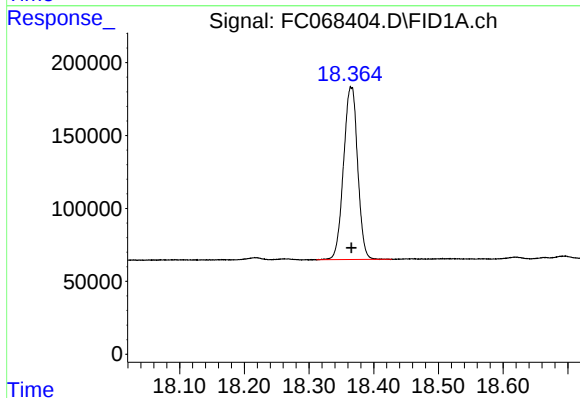
R.T.: 16.647 min  
Delta R.T.: 0.000 min  
Response: 1765534  
Conc: 10.50 ug/ml



#17 n-Tricontane (C30)

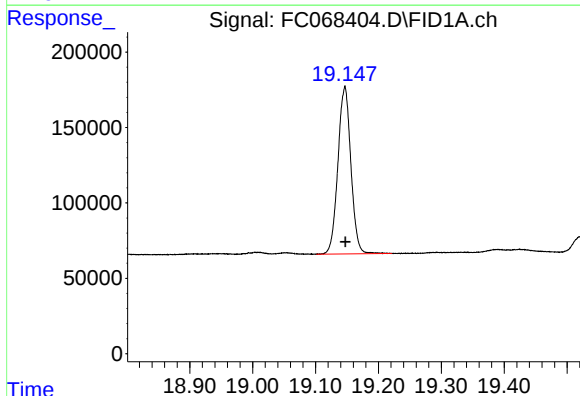
R.T.: 17.533 min  
Delta R.T.: 0.000 min  
Response: 1853554  
Conc: 10.58 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



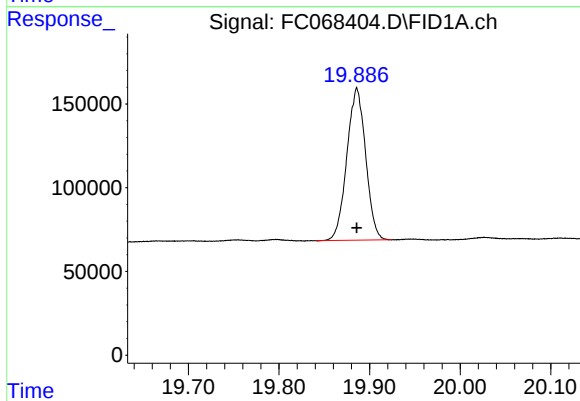
#18 n-Dotriacontane (C32)

R.T.: 18.365 min  
Delta R.T.: 0.000 min  
Response: 1792145  
Conc: 10.57 ug/ml



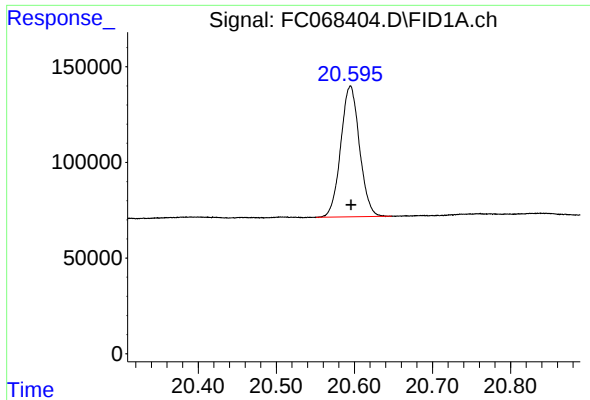
#19 n-Tetratriacontane (C34)

R.T.: 19.146 min  
Delta R.T.: 0.000 min  
Response: 1586807  
Conc: 10.51 ug/ml



#20 n-Hexatriacontane (C36)

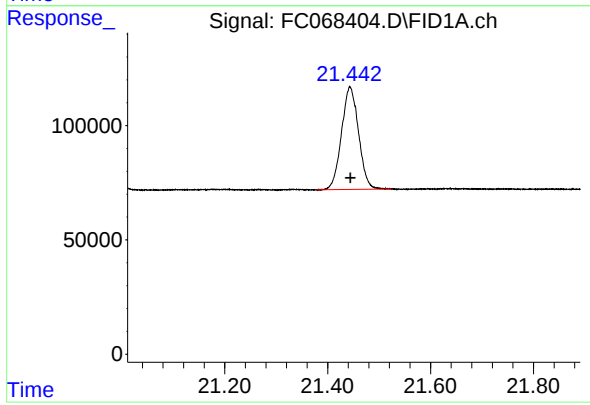
R.T.: 19.886 min  
Delta R.T.: 0.000 min  
Response: 1308753  
Conc: 10.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.595 min  
Delta R.T.: -0.001 min  
Response: 1139413  
Conc: 10.17 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.443 min  
Delta R.T.: -0.001 min  
Response: 1032339  
Conc: 10.04 ug/ml