

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040225AL\  
 Data File : FC068488.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Apr 2025 16:32  
 Operator : YP/AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Apr 02 18:42:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040225.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 02 18:36:21 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)    | 11.720 | 6132743    | 49.584 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 99.17%       |
| 12) S 1-chlorooctadecane (S... | 13.316 | 5068423    | 49.511 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 99.02%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.450  | 5322320    | 49.593 ug/ml |
| 2) T n-Decane (C10)            | 4.527  | 5408287    | 49.598 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.123  | 5978798    | 49.520 ug/ml |
| 4) T n-Dodecane (C12)          | 6.551  | 5407228    | 49.677 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.181  | 5719494    | 49.507 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.348  | 5329090    | 49.817 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.951  | 5452271    | 49.690 ug/ml |
| 8) T n-Octadecane (C18)        | 11.395 | 5466510    | 49.997 ug/ml |
| 10) T n-Eicosane (C20)         | 12.704 | 5173413    | 49.608 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.149 | 4417117    | 49.626 ug/ml |
| 13) T n-Docosane (C22)         | 13.902 | 5029327    | 49.368 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.005 | 5013802    | 49.130 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.026 | 4920185    | 49.020 ug/ml |
| 16) T n-Octacosane (C28)       | 16.976 | 4816075    | 49.043 ug/ml |
| 17) T n-Tricontane (C30)       | 17.864 | 4845359    | 48.993 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.696 | 4629419    | 49.065 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.480 | 4225995    | 49.308 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.218 | 3700388    | 49.570 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.992 | 3298654    | 50.124 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.967 | 2766547    | 51.135 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

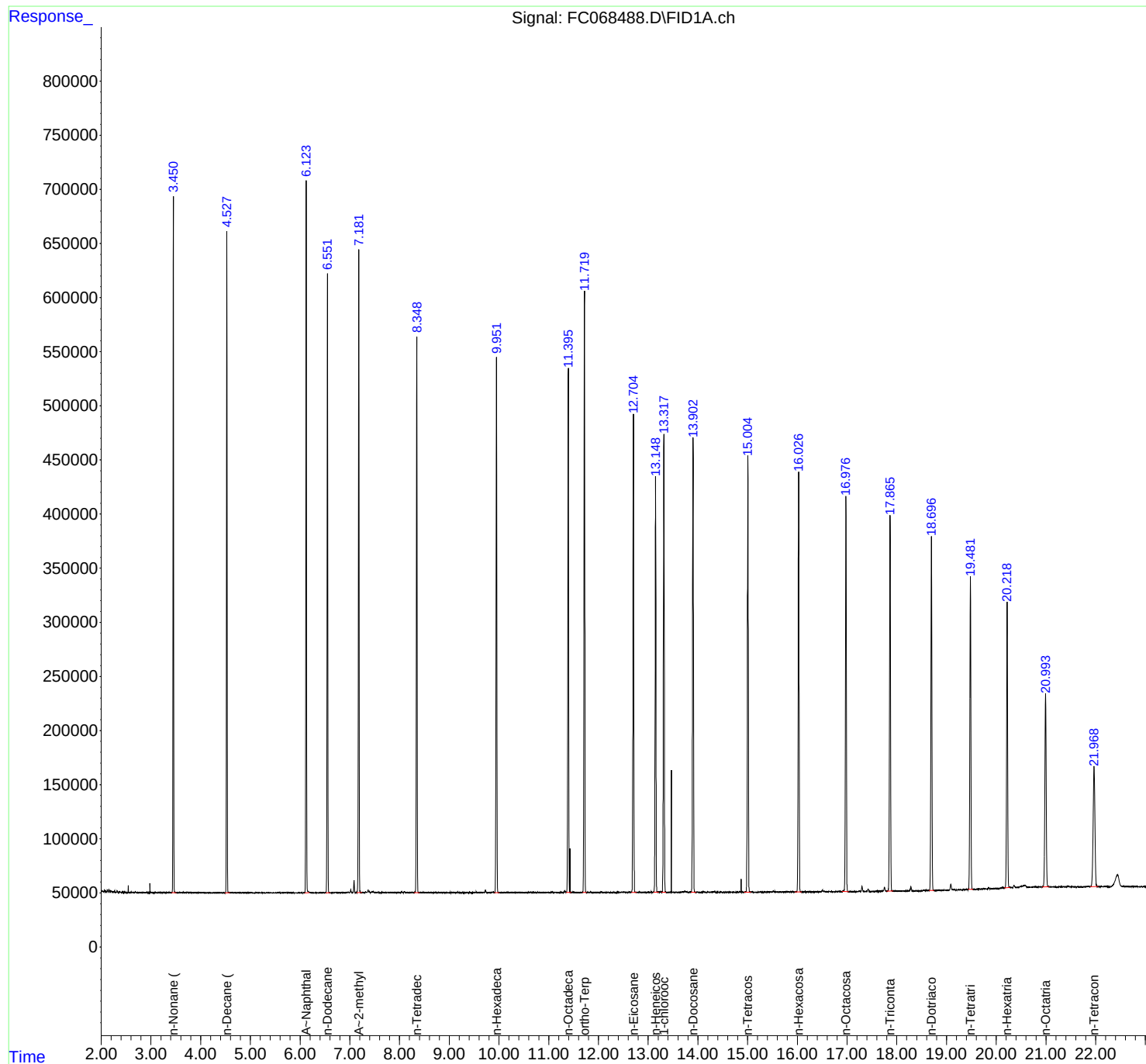
(m)=manual int.

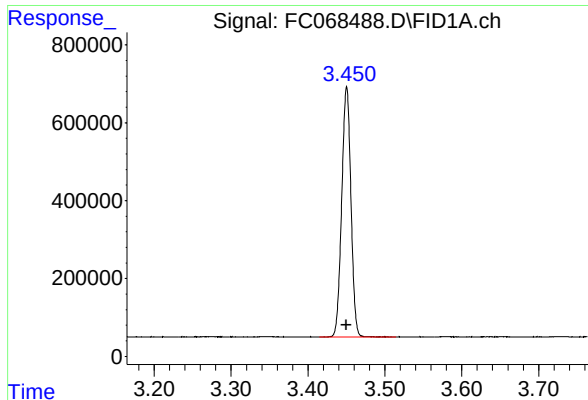
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040225AL\  
Data File : FC068488.D  
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Acq On : 02 Apr 2025 16:32  
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

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QLast Update : Wed Apr 02 18:36:21 2025  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

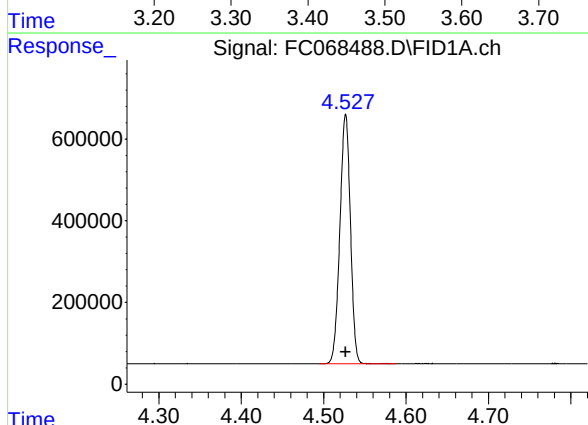




#1 n-Nonane (C9)

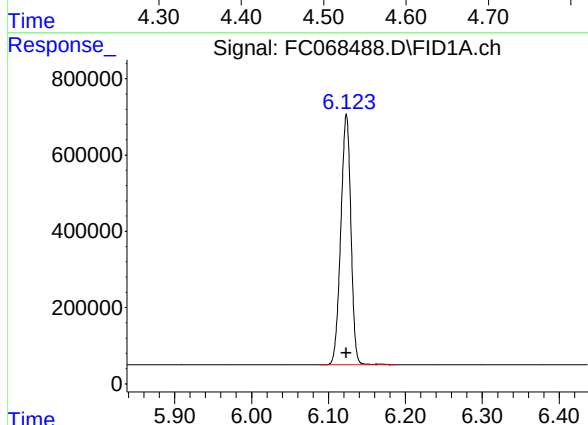
R.T.: 3.450 min  
Delta R.T.: 0.000 min  
Response: 5322320  
Conc: 49.59 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



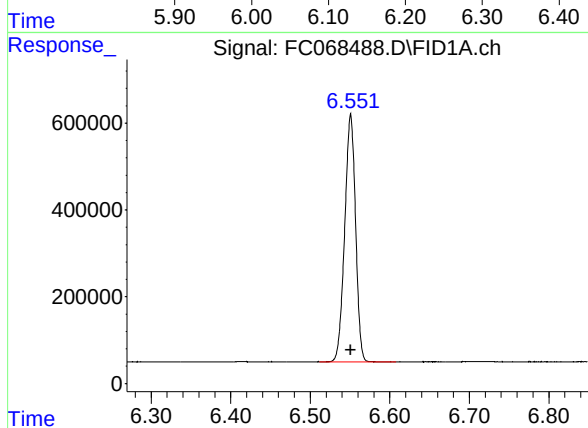
#2 n-Decane (C10)

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 5408287  
Conc: 49.60 ug/ml



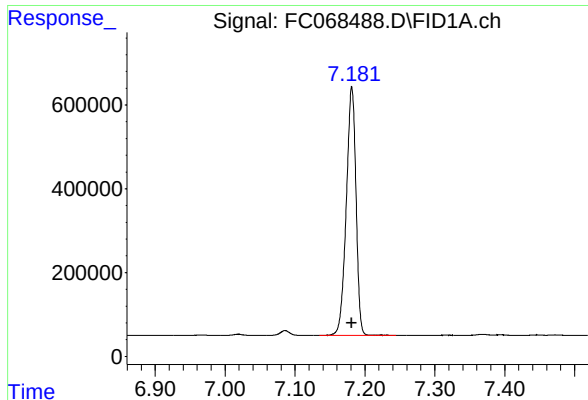
#3 n-Undecane (C11.7)

R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 5978798  
Conc: 49.52 ug/ml



#4 n-Dodecane (C12)

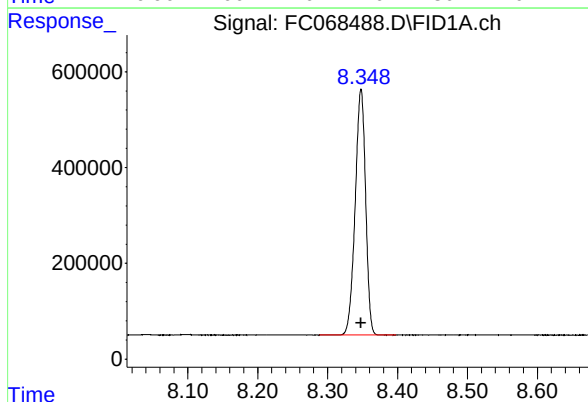
R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 5407228  
Conc: 49.68 ug/ml



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

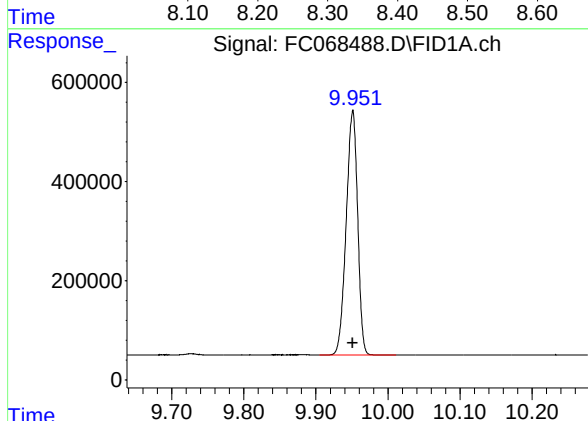
R.T.: 7.181 min  
Delta R.T.: 0.000 min  
Response: 5719494  
Conc: 49.51 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



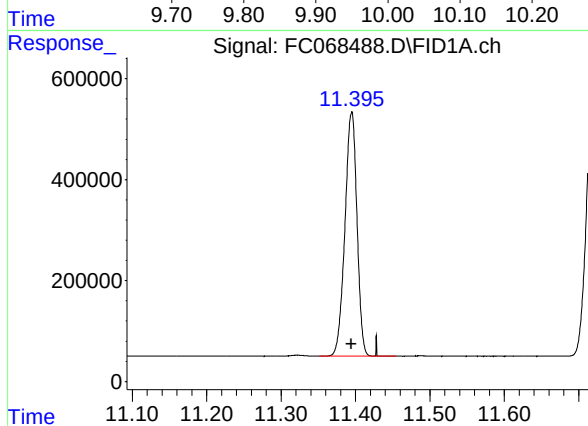
#6 n-Tetradecane (C14)

R.T.: 8.348 min  
Delta R.T.: 0.000 min  
Response: 5329090  
Conc: 49.82 ug/ml



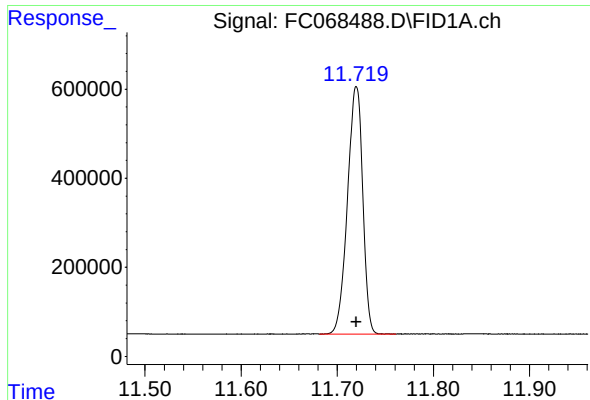
#7 n-Hexadecane (C16)

R.T.: 9.951 min  
Delta R.T.: 0.000 min  
Response: 5452271  
Conc: 49.69 ug/ml



#8 n-Octadecane (C18)

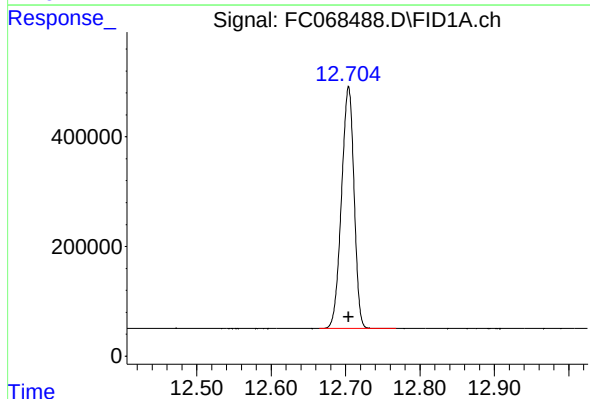
R.T.: 11.395 min  
Delta R.T.: 0.000 min  
Response: 5466510  
Conc: 50.00 ug/ml



#9 ortho-Terphenyl (SURR)

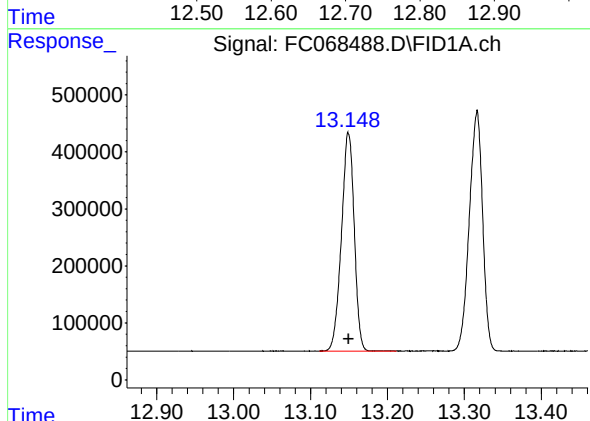
R.T.: 11.720 min  
Delta R.T.: 0.000 min  
Response: 6132743  
Conc: 49.58 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



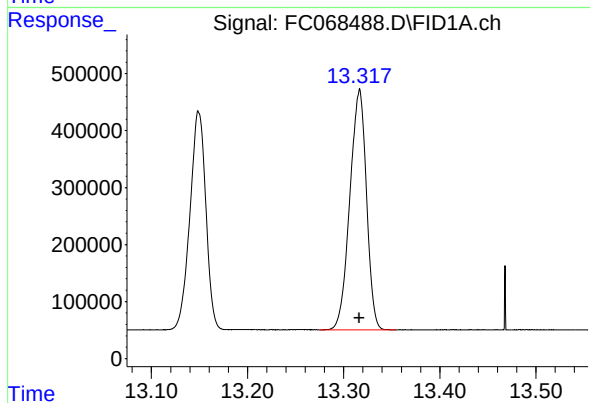
#10 n-Eicosane (C20)

R.T.: 12.704 min  
Delta R.T.: 0.000 min  
Response: 5173413  
Conc: 49.61 ug/ml



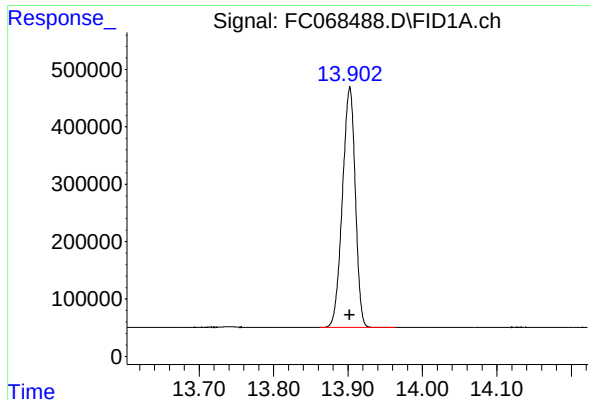
#11 n-Heneicosane (C21)

R.T.: 13.149 min  
Delta R.T.: 0.000 min  
Response: 4417117  
Conc: 49.63 ug/ml



#12 1-chlorooctadecane (SURR)

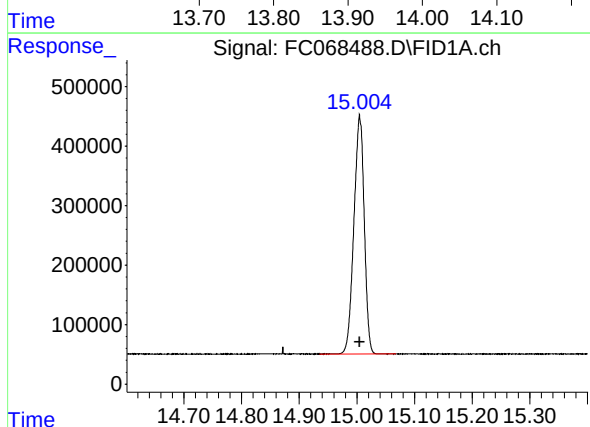
R.T.: 13.316 min  
Delta R.T.: 0.000 min  
Response: 5068423  
Conc: 49.51 ug/ml



#13 n-Docosane (C22)

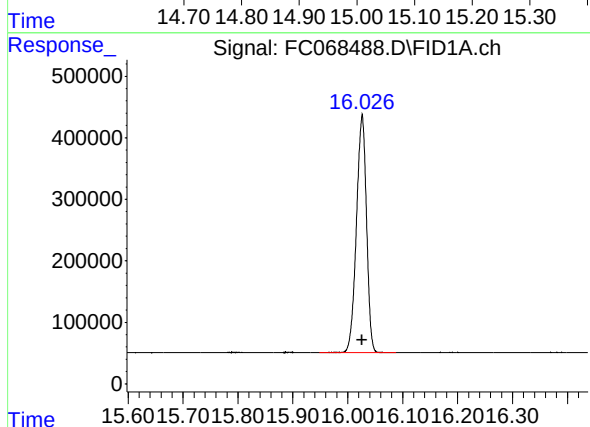
R.T.: 13.902 min  
Delta R.T.: 0.000 min  
Response: 5029327  
Conc: 49.37 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



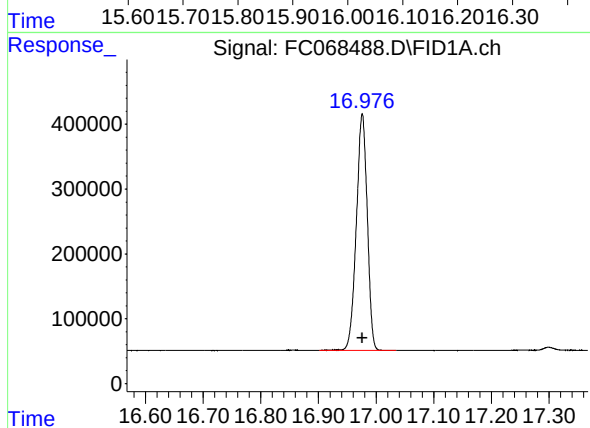
#14 n-Tetracosane (C24)

R.T.: 15.005 min  
Delta R.T.: 0.000 min  
Response: 5013802  
Conc: 49.13 ug/ml



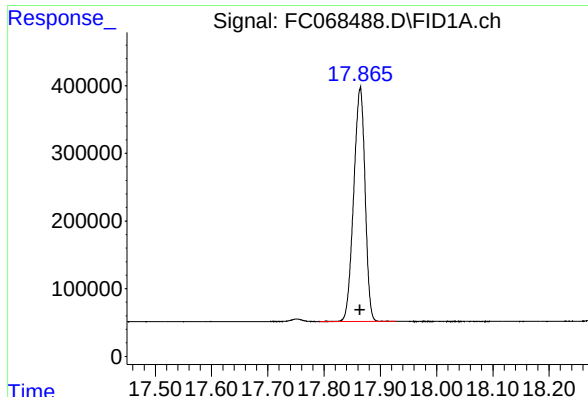
#15 n-Hexacosane (C26)

R.T.: 16.026 min  
Delta R.T.: 0.000 min  
Response: 4920185  
Conc: 49.02 ug/ml



#16 n-Octacosane (C28)

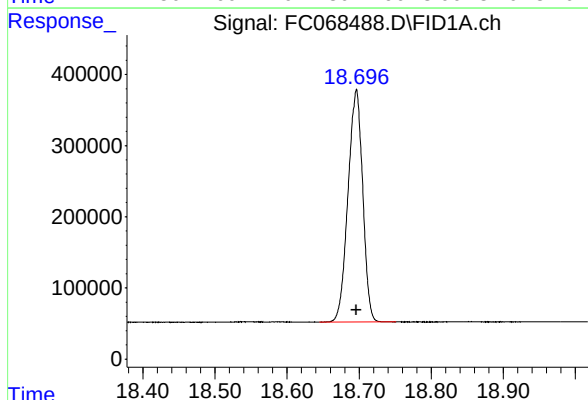
R.T.: 16.976 min  
Delta R.T.: 0.000 min  
Response: 4816075  
Conc: 49.04 ug/ml



#17 n-Tricontane (C30)

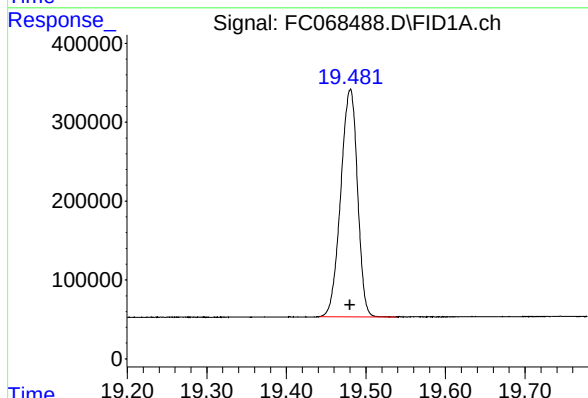
R.T.: 17.864 min  
Delta R.T.: 0.000 min  
Response: 4845359  
Conc: 48.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



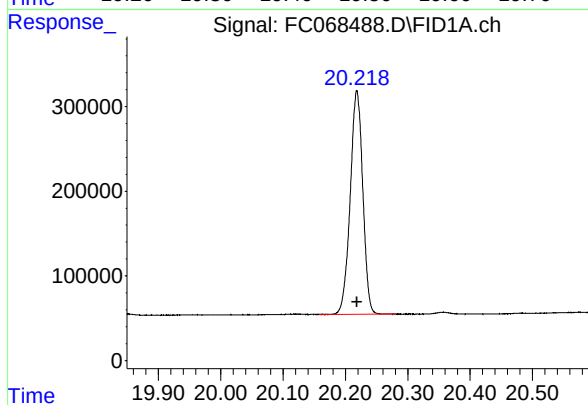
#18 n-Dotriacontane (C32)

R.T.: 18.696 min  
Delta R.T.: 0.000 min  
Response: 4629419  
Conc: 49.07 ug/ml



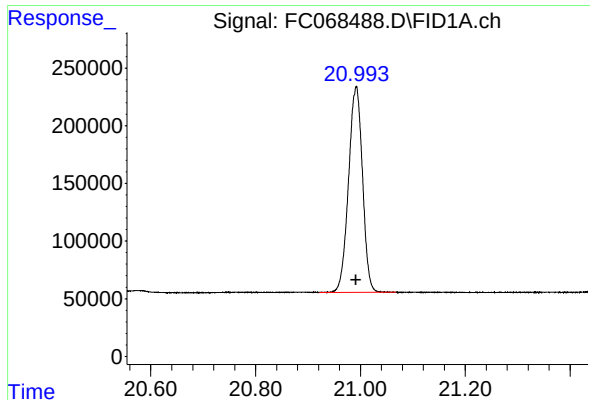
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min  
Delta R.T.: 0.000 min  
Response: 4225995  
Conc: 49.31 ug/ml



#20 n-Hexatriacontane (C36)

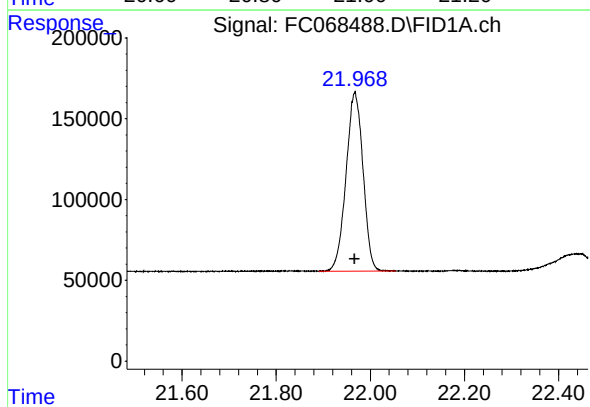
R.T.: 20.218 min  
Delta R.T.: 0.000 min  
Response: 3700388  
Conc: 49.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.992 min  
Delta R.T.: 0.000 min  
Response: 3298654  
Conc: 50.12 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.967 min  
Delta R.T.: 0.000 min  
Response: 2766547  
Conc: 51.14 ug/ml