

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040225AL\  
 Data File : FC068492.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Apr 2025 20:13  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
 Quant Time: Apr 03 07:42:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040225.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 03 07:41:29 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)    | 11.716 | 2591401    | 20.108 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.22%       |
| 12) S 1-chlorooctadecane (S... | 13.314 | 2149147    | 20.148 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.30%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.448  | 2242104    | 20.116 ug/ml |
| 2) T n-Decane (C10)            | 4.525  | 2274575    | 19.529 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.122  | 2513231    | 20.079 ug/ml |
| 4) T n-Dodecane (C12)          | 6.550  | 2271902    | 20.085 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.179  | 2400525    | 20.045 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.347  | 2242147    | 20.107 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.949  | 2292596    | 20.041 ug/ml |
| 8) T n-Octadecane (C18)        | 11.392 | 2297837    | 20.041 ug/ml |
| 10) T n-Eicosane (C20)         | 12.702 | 2190226    | 20.008 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.147 | 1866216    | 20.284 ug/ml |
| 13) T n-Docosane (C22)         | 13.900 | 2138064    | 19.807 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.003 | 2142674    | 19.220 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.025 | 2106089    | 18.941 ug/ml |
| 16) T n-Octacosane (C28)       | 16.975 | 2058682    | 18.734 ug/ml |
| 17) T n-Tricontane (C30)       | 17.863 | 2080957    | 18.846 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.696 | 1978446    | 19.022 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.480 | 1792702    | 19.988 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.219 | 1551401    | 20.729 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.994 | 1342897    | 21.495 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.969 | 1072756    | 22.792 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

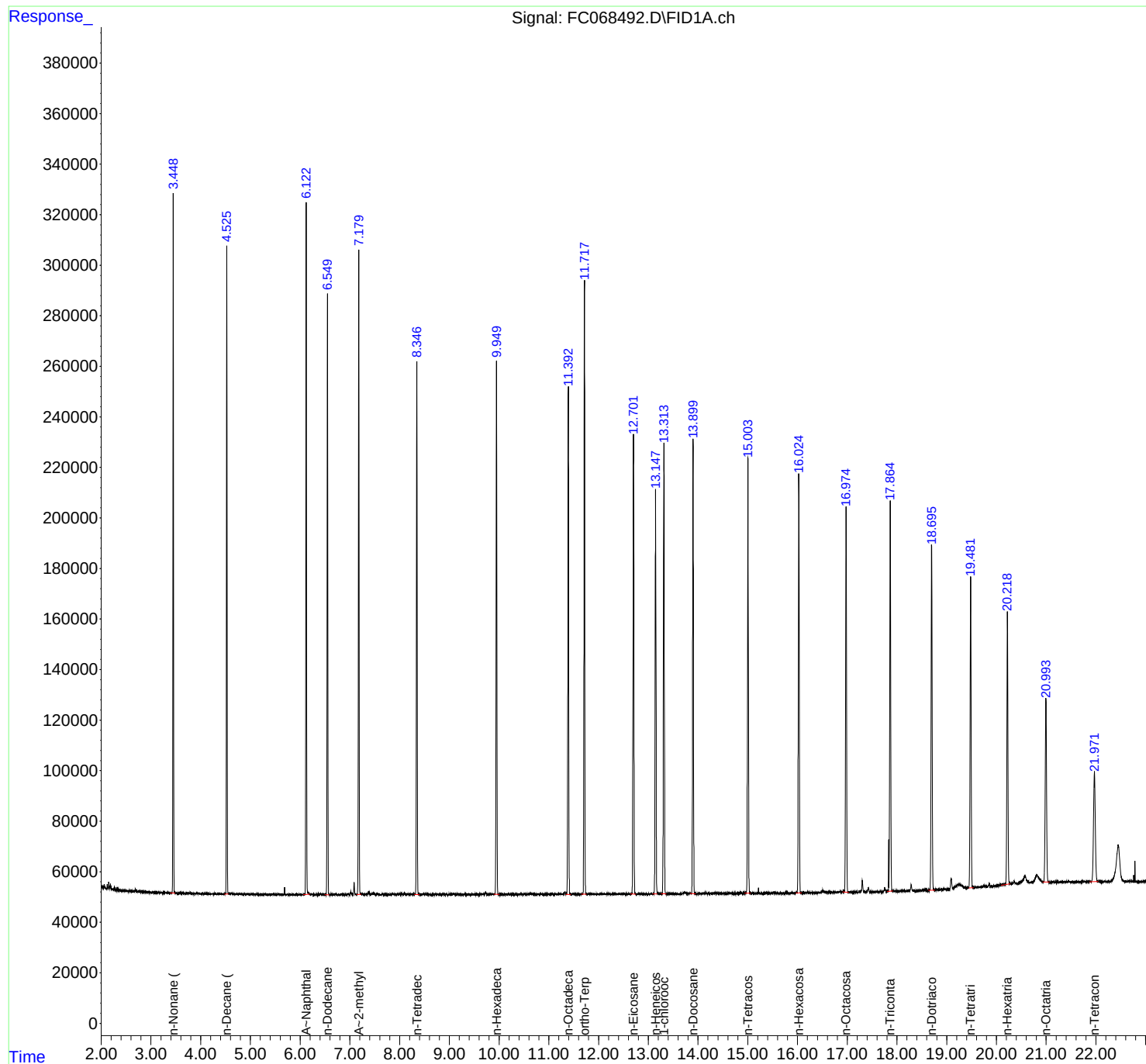
(m)=manual int.

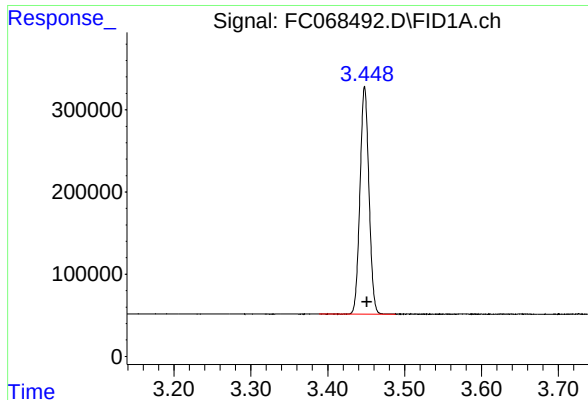
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040225AL\  
Data File : FC068492.D  
Signal(s) : FID1A.ch  
Acq On : 02 Apr 2025 20:13  
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Quant Title : GC Extractables  
QLast Update : Thu Apr 03 07:41:29 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

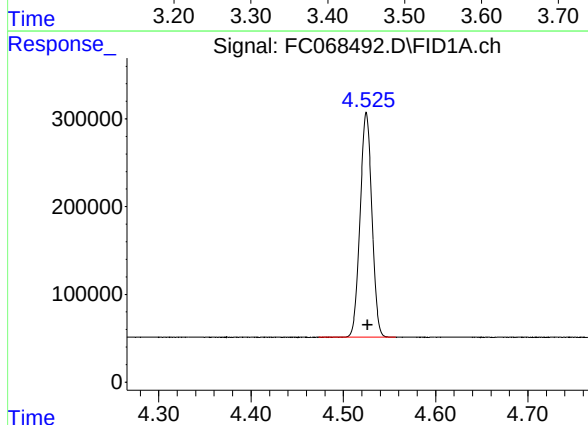
R.T.: 3.448 min  
Delta R.T.: -0.003 min  
Response: 2242104  
Conc: 20.12 ug/ml

Instrument :

FID\_C

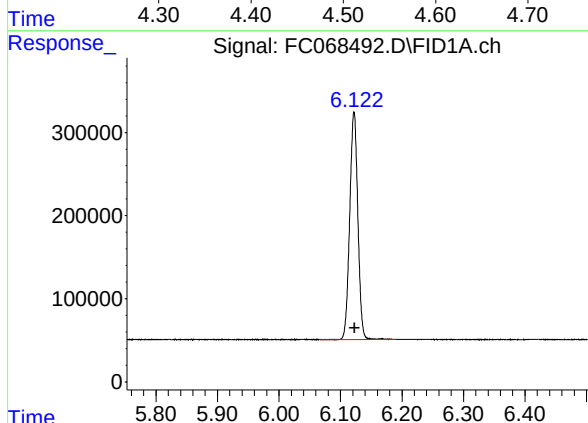
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



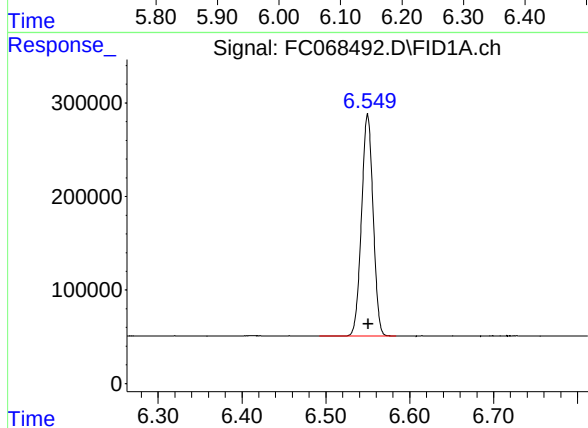
#2 n-Decane (C10)

R.T.: 4.525 min  
Delta R.T.: -0.001 min  
Response: 2274575  
Conc: 19.53 ug/ml



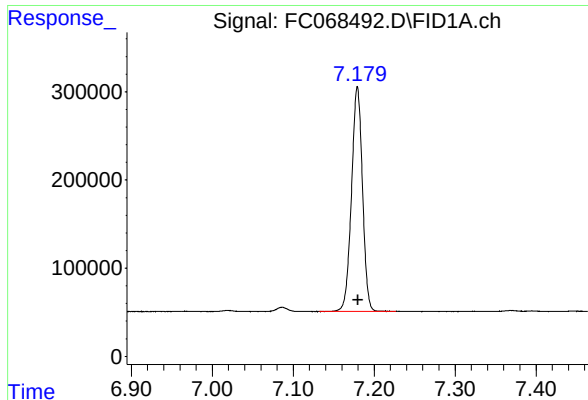
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 2513231  
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

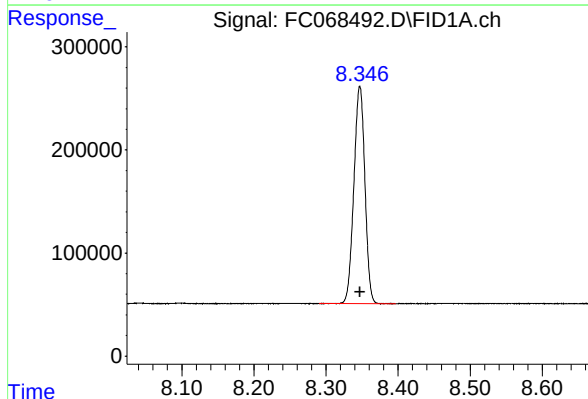
R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 2271902  
Conc: 20.09 ug/ml



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

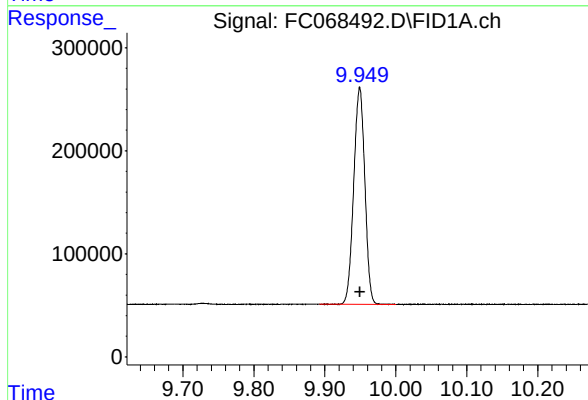
R.T.: 7.179 min  
Delta R.T.: -0.001 min  
Response: 2400525  
Conc: 20.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV



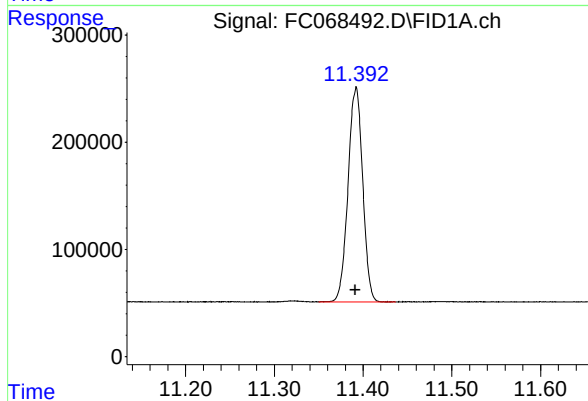
#6 n-Tetradecane (C14)

R.T.: 8.347 min  
Delta R.T.: 0.000 min  
Response: 2242147  
Conc: 20.11 ug/ml



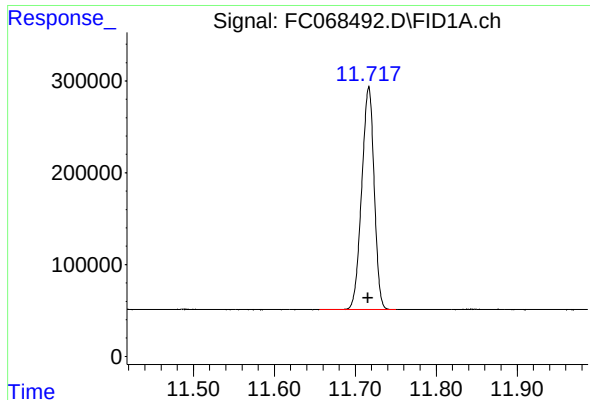
#7 n-Hexadecane (C16)

R.T.: 9.949 min  
Delta R.T.: 0.000 min  
Response: 2292596  
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.392 min  
Delta R.T.: 0.000 min  
Response: 2297837  
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

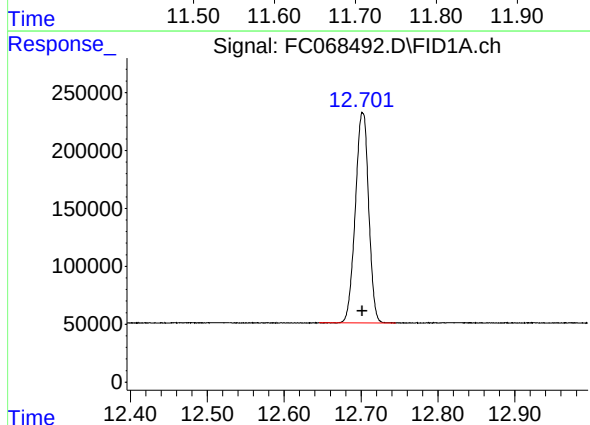
R.T.: 11.716 min  
Delta R.T.: 0.000 min  
Response: 2591401  
Conc: 20.11 ug/ml

Instrument :

FID\_C

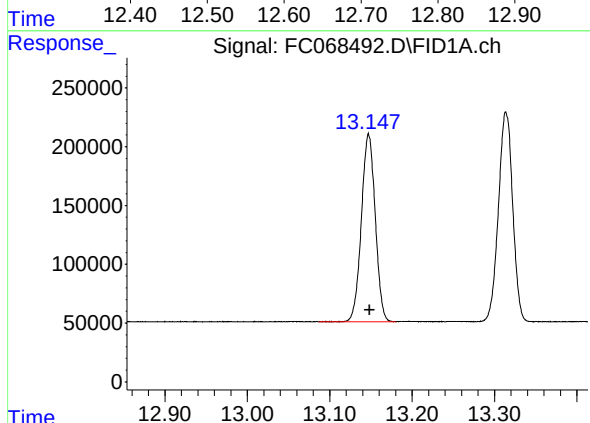
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



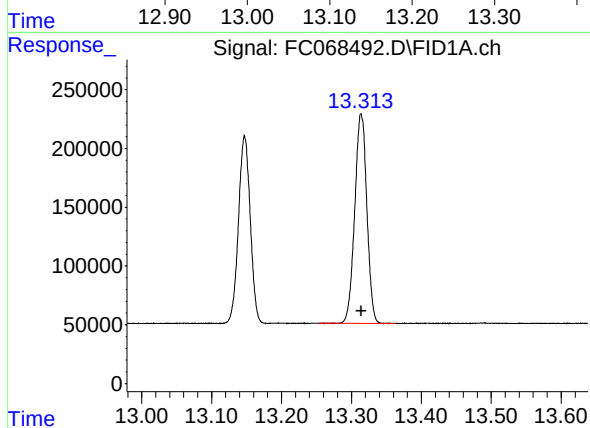
#10 n-Eicosane (C20)

R.T.: 12.702 min  
Delta R.T.: 0.000 min  
Response: 2190226  
Conc: 20.01 ug/ml



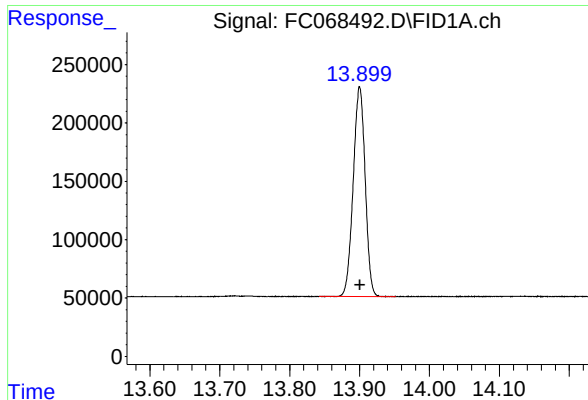
#11 n-Heneicosane (C21)

R.T.: 13.147 min  
Delta R.T.: -0.001 min  
Response: 1866216  
Conc: 20.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min  
Delta R.T.: 0.000 min  
Response: 2149147  
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

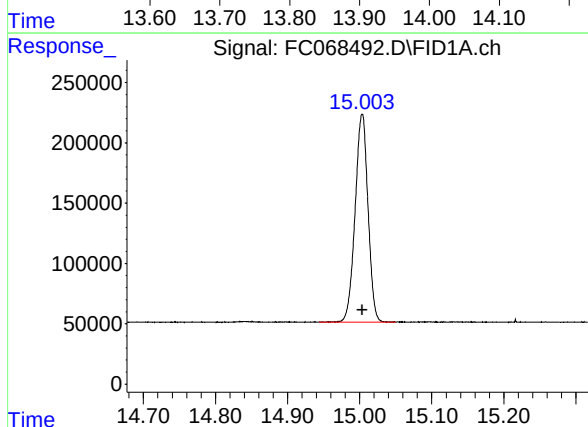
R.T.: 13.900 min  
Delta R.T.: 0.000 min  
Response: 2138064  
Conc: 19.81 ug/ml

Instrument :

FID\_C

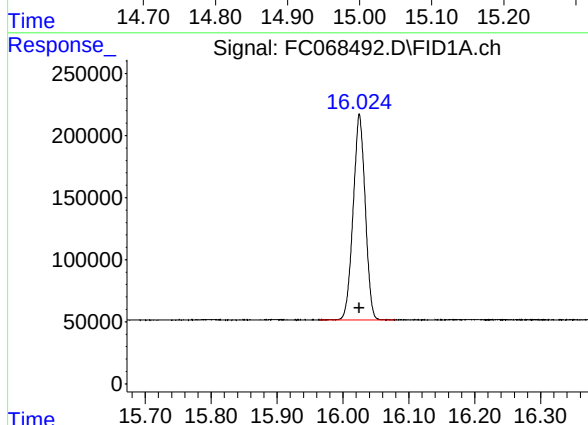
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



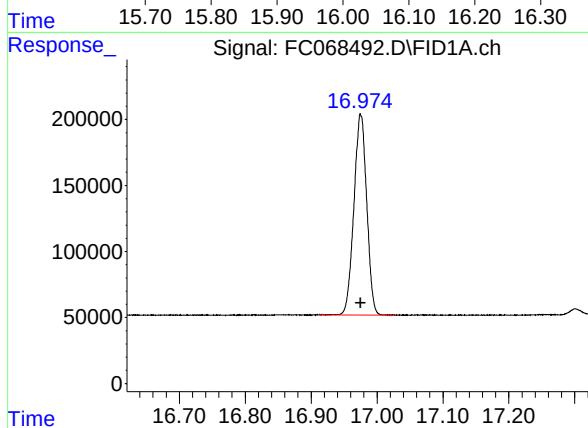
#14 n-Tetracosane (C24)

R.T.: 15.003 min  
Delta R.T.: 0.000 min  
Response: 2142674  
Conc: 19.22 ug/ml



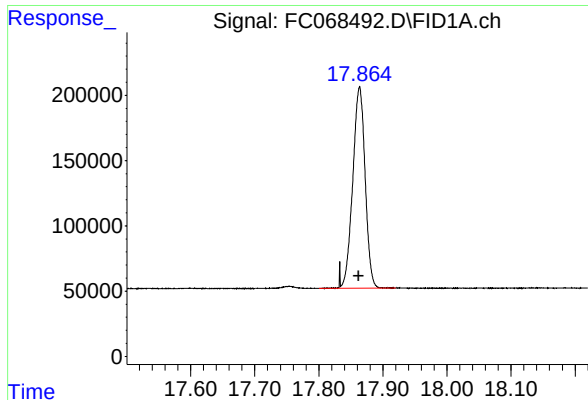
#15 n-Hexacosane (C26)

R.T.: 16.025 min  
Delta R.T.: 0.000 min  
Response: 2106089  
Conc: 18.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.975 min  
Delta R.T.: 0.000 min  
Response: 2058682  
Conc: 18.73 ug/ml



#17 n-Tricontane (C30)

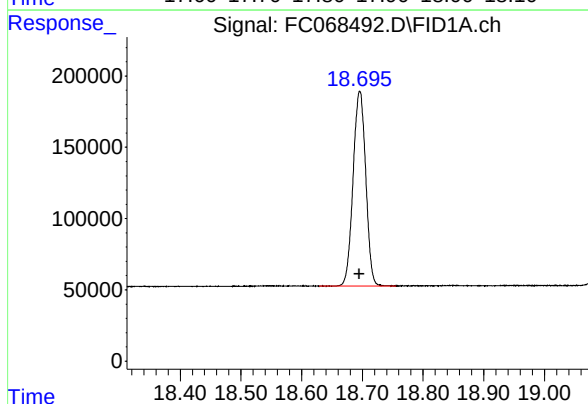
R.T.: 17.863 min  
Delta R.T.: 0.000 min  
Response: 2080957  
Conc: 18.85 ug/ml

Instrument :

FID\_C

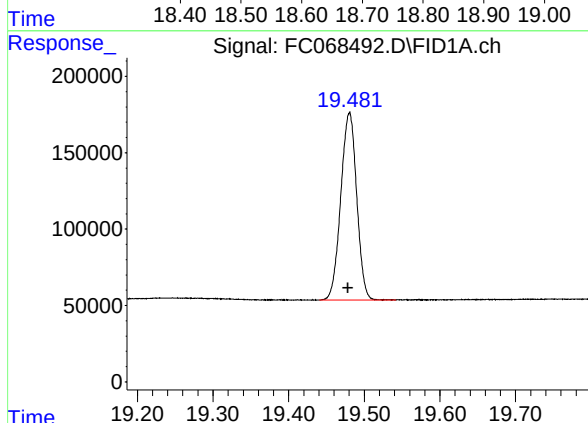
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



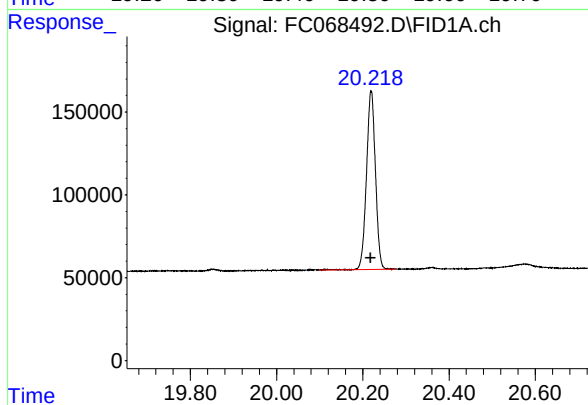
#18 n-Dotriacontane (C32)

R.T.: 18.696 min  
Delta R.T.: 0.000 min  
Response: 1978446  
Conc: 19.02 ug/ml



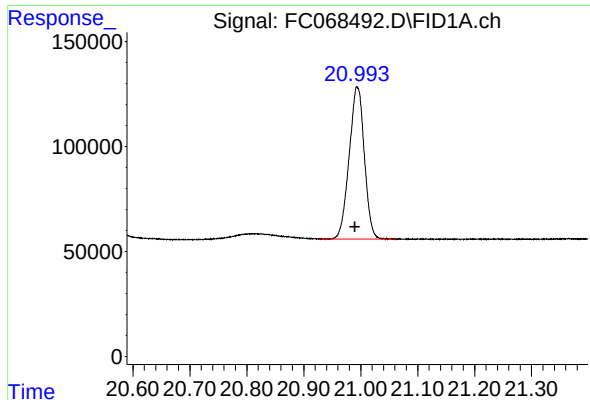
#19 n-Tetatriacontane (C34)

R.T.: 19.480 min  
Delta R.T.: 0.002 min  
Response: 1792702  
Conc: 19.99 ug/ml



#20 n-Hexatriacontane (C36)

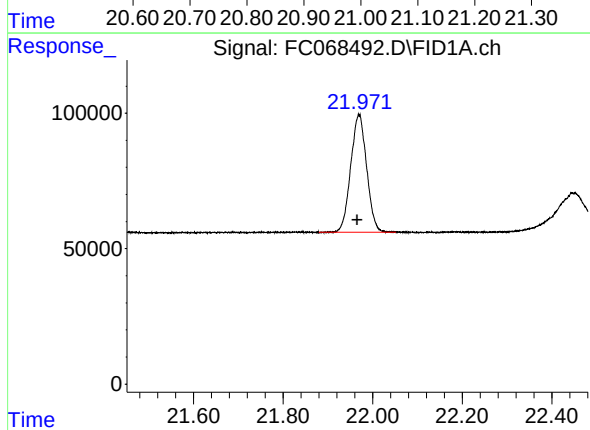
R.T.: 20.219 min  
Delta R.T.: 0.000 min  
Response: 1551401  
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.994 min  
Delta R.T.: 0.004 min  
Response: 1342897  
Conc: 21.50 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.969 min  
Delta R.T.: 0.004 min  
Response: 1072756  
Conc: 22.79 ug/ml