

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F102324AL\  
 Data File : FC067513.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Oct 2024 20:03  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 24 01:33:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:12:58 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    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.496 | 2905568    | 19.802 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.60%       |
| 12) S 1-chlorooctadecane (S... | 12.934 | 2141946    | 19.835 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.67%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.274  | 2665050    | 19.782 ug/ml |
| 2) T n-Decane (C10)            | 4.338  | 2696356    | 19.790 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.916  | 2944982    | 19.873 ug/ml |
| 4) T n-Dodecane (C12)          | 6.354  | 2682720    | 19.807 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.971  | 2815519    | 19.937 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.146  | 2599278    | 19.802 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.745  | 2614048    | 19.788 ug/ml |
| 8) T n-Octadecane (C18)        | 11.184 | 2625780    | 19.875 ug/ml |
| 10) T n-Eicosane (C20)         | 12.492 | 2495705    | 19.779 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.103 | 2444783    | 19.810 ug/ml |
| 13) T n-Docosane (C22)         | 13.688 | 2421965    | 19.779 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.790 | 2400262    | 19.803 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.809 | 2361417    | 19.835 ug/ml |
| 16) T n-Octacosane (C28)       | 16.758 | 2341695    | 19.904 ug/ml |
| 17) T n-Tricontane (C30)       | 17.644 | 2411220    | 19.949 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.476 | 2366882    | 20.004 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.257 | 2087796    | 19.936 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.995 | 1795036    | 19.720 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.719 | 1713023    | 19.780 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.604 | 1680954    | 19.773 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

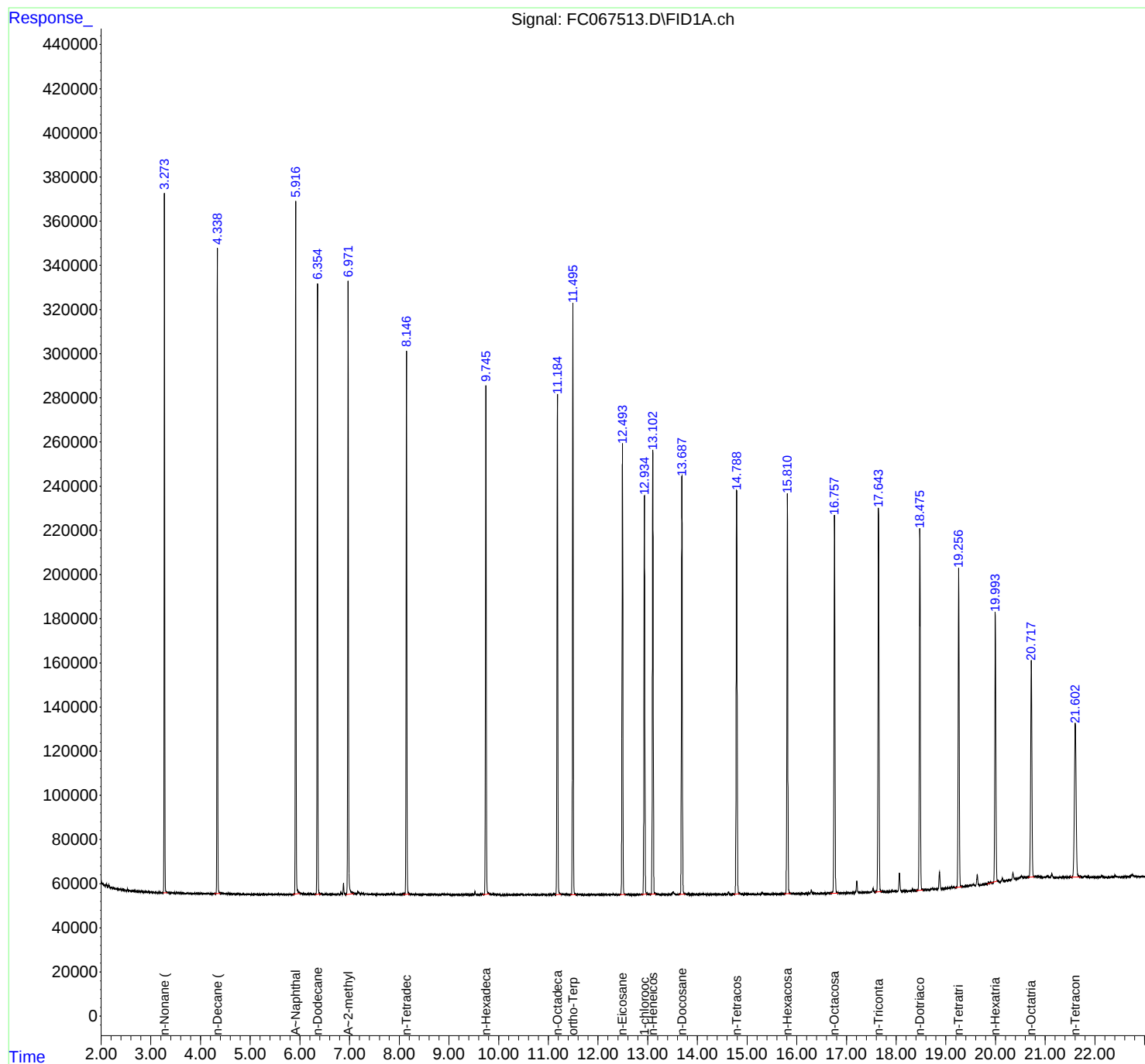
(m)=manual int.

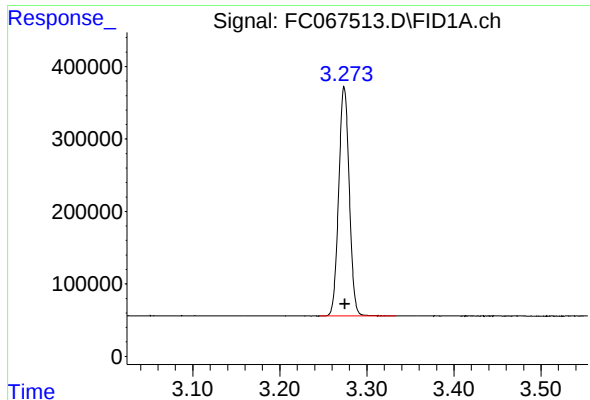
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102324AL\  
Data File : FC067513.D  
Signal(s) : FID1A.ch  
Acq On : 23 Oct 2024 20:03  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Oct 24 01:33:45 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102324.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 23 18:12:58 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

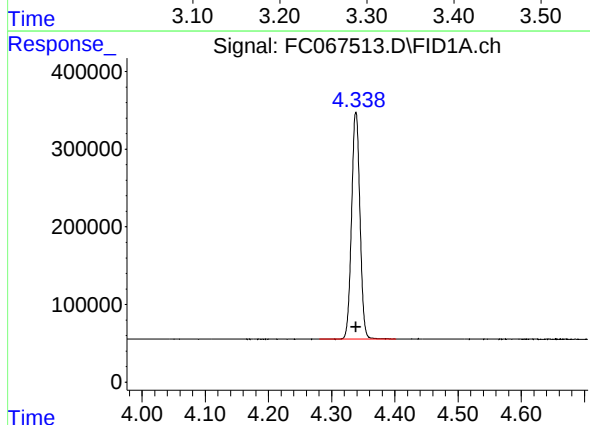




#1 n-Nonane (C9)

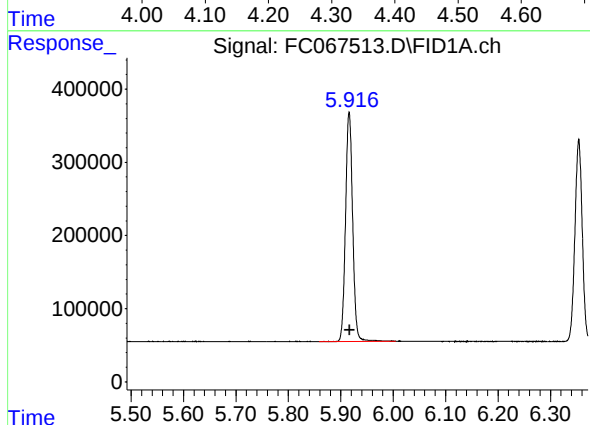
R.T.: 3.274 min  
Delta R.T.: 0.000 min  
Response: 2665050  
Conc: 19.78 ug/ml

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



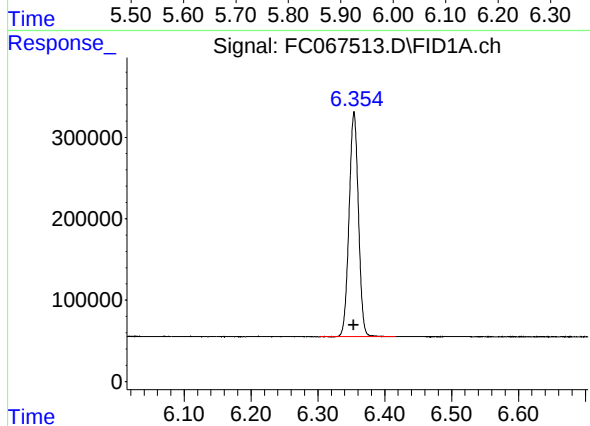
#2 n-Decane (C10)

R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 2696356  
Conc: 19.79 ug/ml



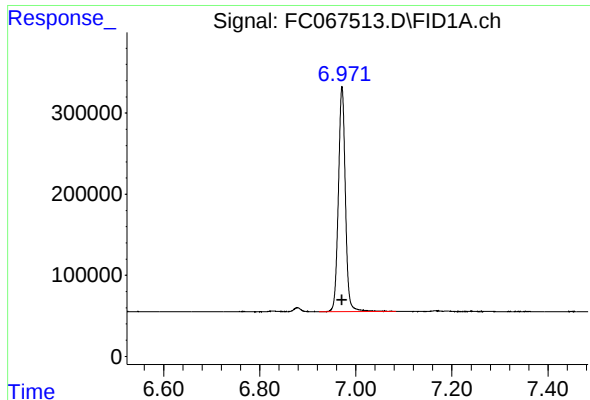
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min  
Delta R.T.: 0.000 min  
Response: 2944982  
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

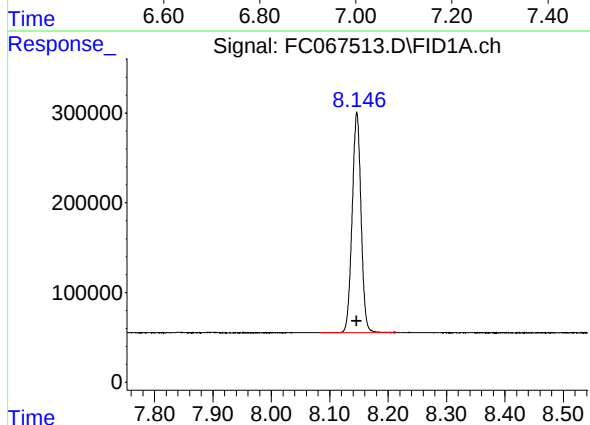
R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 2682720  
Conc: 19.81 ug/ml



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

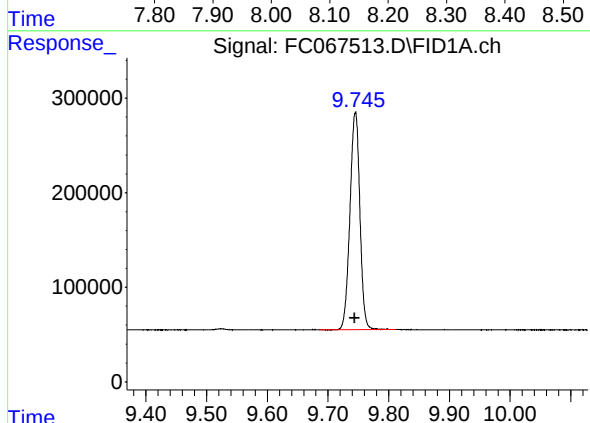
R.T.: 6.971 min  
Delta R.T.: 0.000 min  
Response: 2815519  
Conc: 19.94 ug/ml

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



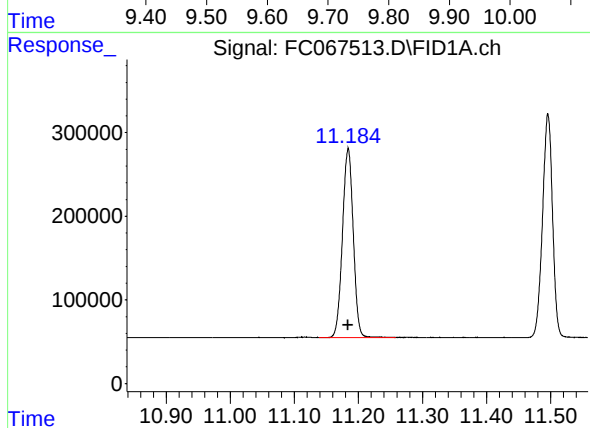
#6 n-Tetradecane (C14)

R.T.: 8.146 min  
Delta R.T.: 0.000 min  
Response: 2599278  
Conc: 19.80 ug/ml



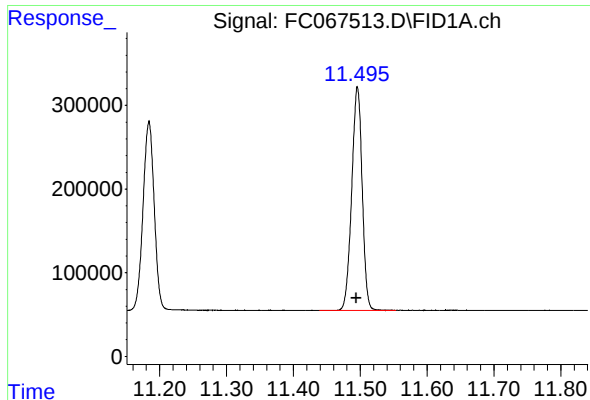
#7 n-Hexadecane (C16)

R.T.: 9.745 min  
Delta R.T.: 0.001 min  
Response: 2614048  
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

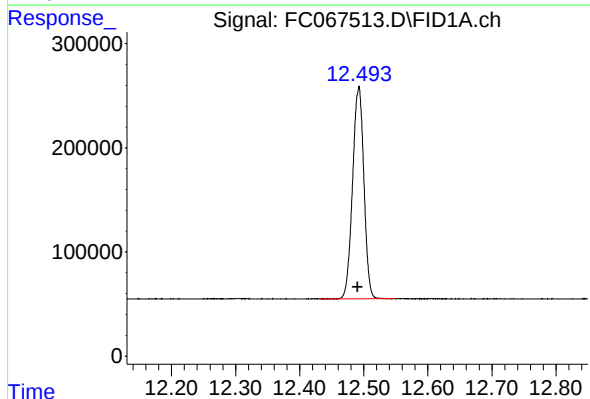
R.T.: 11.184 min  
Delta R.T.: 0.000 min  
Response: 2625780  
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

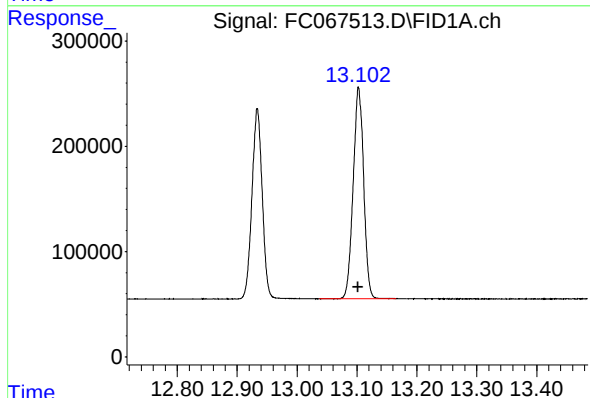
R.T.: 11.496 min  
Delta R.T.: 0.002 min  
Response: 2905568  
Conc: 19.80 ug/ml

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



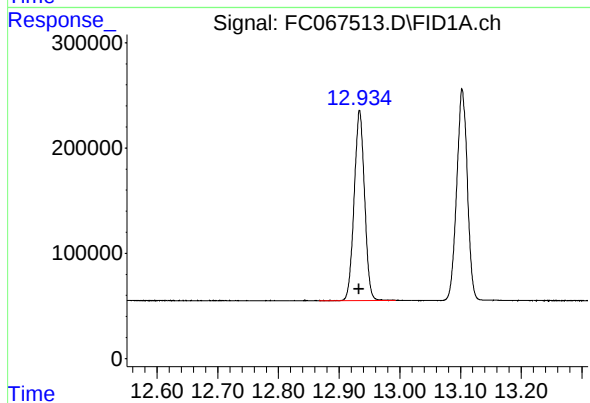
#10 n-Eicosane (C20)

R.T.: 12.492 min  
Delta R.T.: 0.001 min  
Response: 2495705  
Conc: 19.78 ug/ml



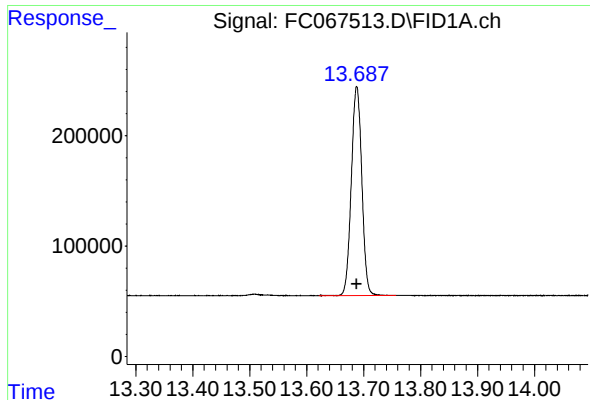
#11 n-Heneicosane (C21)

R.T.: 13.103 min  
Delta R.T.: 0.001 min  
Response: 2444783  
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

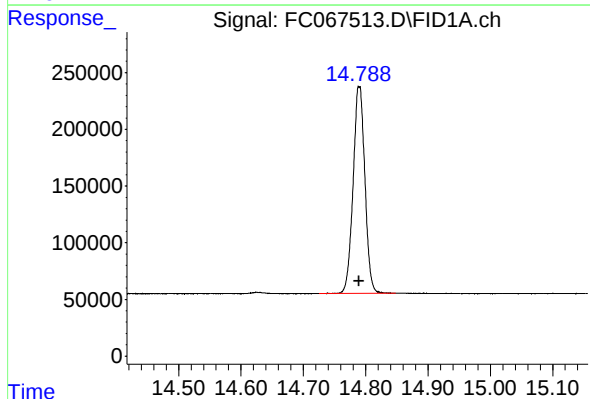
R.T.: 12.934 min  
Delta R.T.: 0.000 min  
Response: 2141946  
Conc: 19.83 ug/ml



#13 n-Docosane (C22)

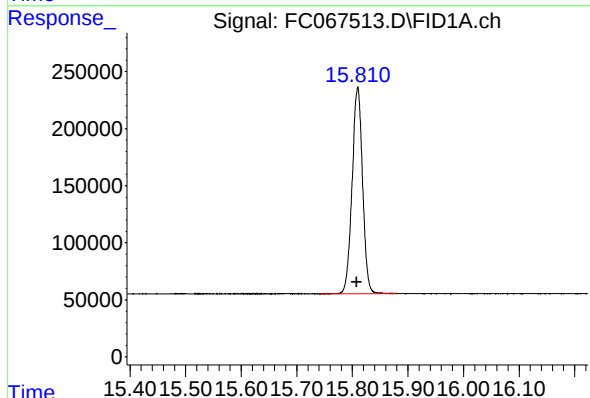
R.T.: 13.688 min  
Delta R.T.: 0.000 min  
Response: 2421965  
Conc: 19.78 ug/ml

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



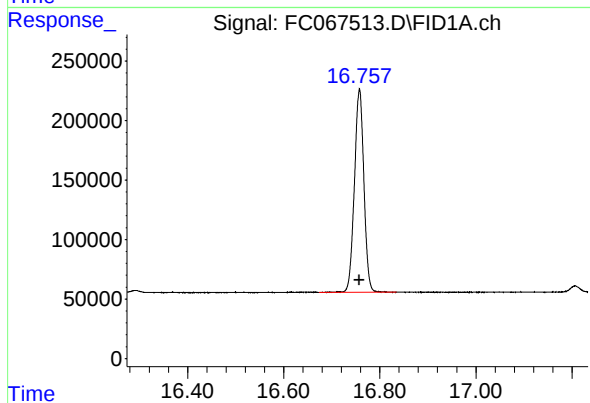
#14 n-Tetracosane (C24)

R.T.: 14.790 min  
Delta R.T.: 0.000 min  
Response: 2400262  
Conc: 19.80 ug/ml



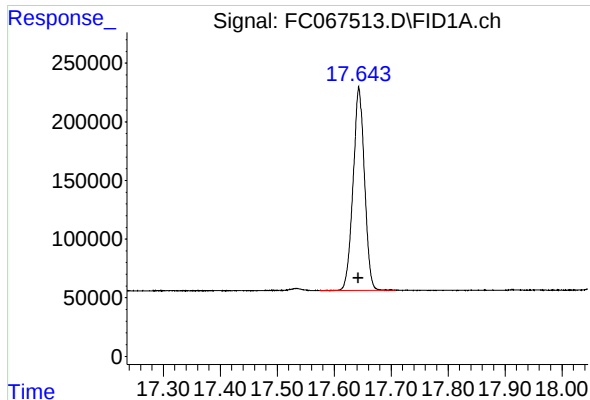
#15 n-Hexacosane (C26)

R.T.: 15.809 min  
Delta R.T.: 0.002 min  
Response: 2361417  
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

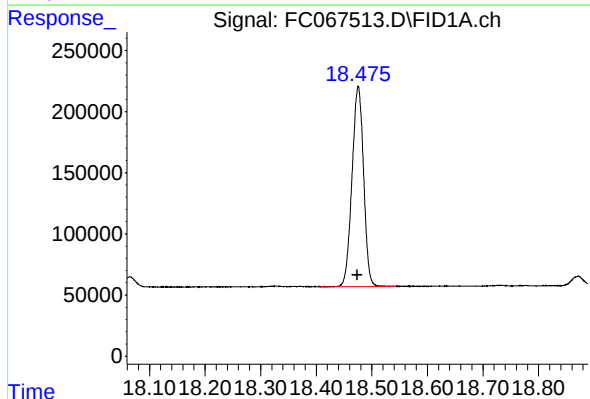
R.T.: 16.758 min  
Delta R.T.: 0.000 min  
Response: 2341695  
Conc: 19.90 ug/ml



#17 n-Tricontane (C30)

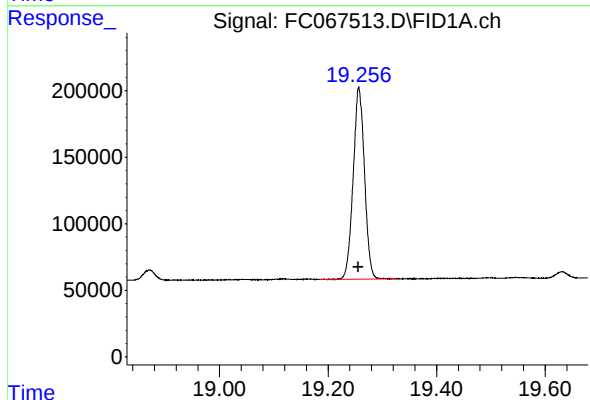
R.T.: 17.644 min  
Delta R.T.: 0.000 min  
Response: 2411220  
Conc: 19.95 ug/ml

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



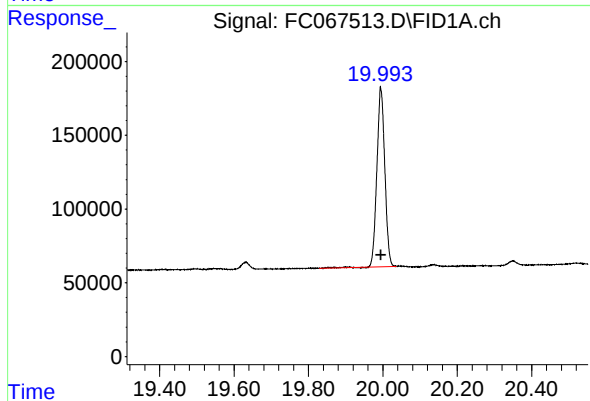
#18 n-Dotriacontane (C32)

R.T.: 18.476 min  
Delta R.T.: 0.002 min  
Response: 2366882  
Conc: 20.00 ug/ml



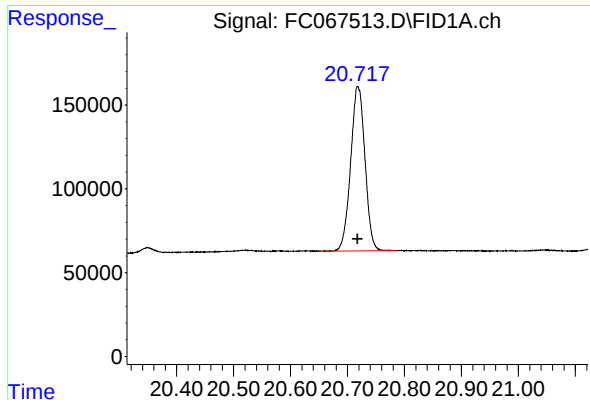
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min  
Delta R.T.: 0.000 min  
Response: 2087796  
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

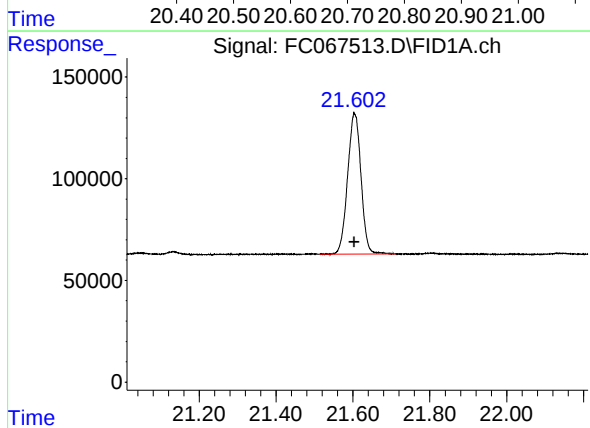
R.T.: 19.995 min  
Delta R.T.: 0.000 min  
Response: 1795036  
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min  
Delta R.T.: 0.000 min  
Response: 1713023  
Conc: 19.78 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.604 min  
Delta R.T.: 0.000 min  
Response: 1680954  
Conc: 19.77 ug/ml