

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091624AL\  
 Data File : FC067143.D  
 Signal(s) : FID1A.ch  
 Acq On : 16 Sep 2024 17:18  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 17 04:14:41 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 11 02:55:44 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)    | 11.505 | 2564456    | 18.417 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.83%       |
| 12) S 1-chlorooctadecane (S... | 12.943 | 1887549    | 19.323 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.65%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.278  | 2405434    | 18.134 ug/ml |
| 2) T n-Decane (C10)            | 4.343  | 2495001    | 18.577 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.922  | 2638511    | 18.565 ug/ml |
| 4) T n-Dodecane (C12)          | 6.360  | 2509868    | 18.751 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.978  | 2508751    | 18.787 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.153  | 2451371    | 19.021 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.752  | 2494743    | 19.350 ug/ml |
| 8) T n-Octadecane (C18)        | 11.194 | 2509222    | 19.612 ug/ml |
| 10) T n-Eicosane (C20)         | 12.500 | 2355441    | 19.610 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.111 | 2286998    | 19.582 ug/ml |
| 13) T n-Docosane (C22)         | 13.697 | 2262733    | 19.598 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.798 | 2264636    | 19.942 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.818 | 2191413    | 19.773 ug/ml |
| 16) T n-Octacosane (C28)       | 16.767 | 2191016    | 20.284 ug/ml |
| 17) T n-Tricontane (C30)       | 17.654 | 2299753    | 21.142 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.485 | 2276496    | 21.825 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.268 | 2166264    | 23.480 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.007 | 1996525    | 25.194 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.731 | 1858564    | 24.743 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.620 | 1707449    | 24.439 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

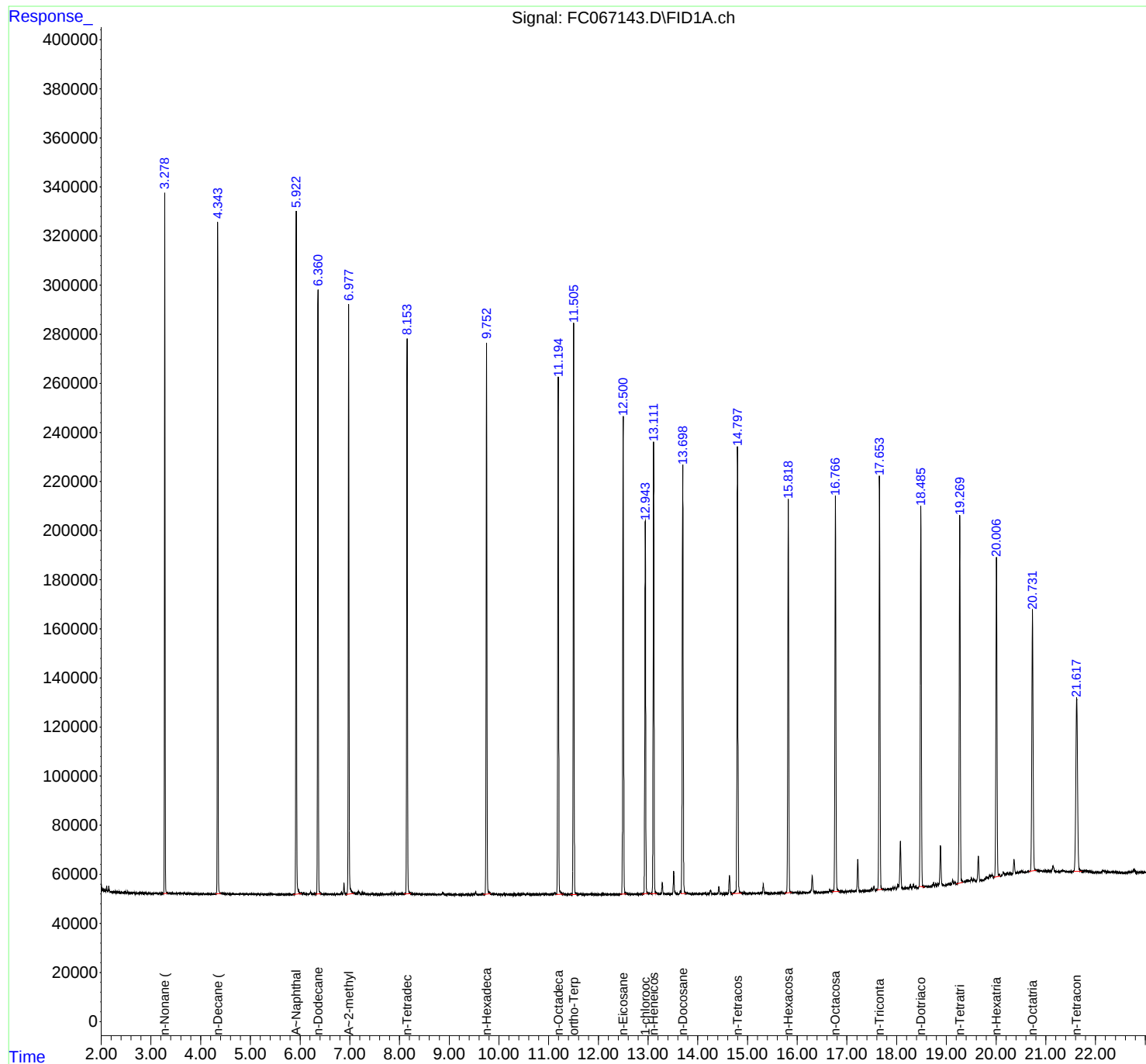
(m)=manual int.

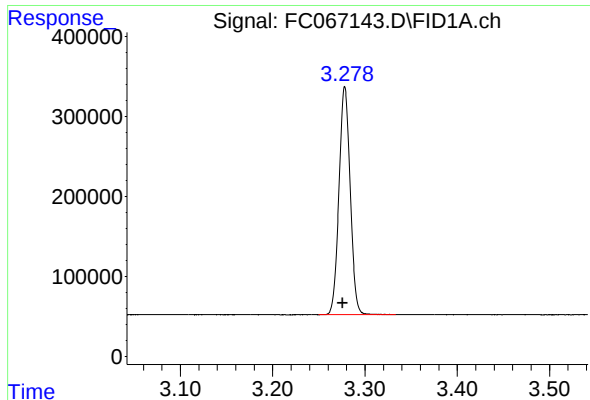
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091624AL\  
Data File : FC067143.D  
Signal(s) : FID1A.ch  
Acq On : 16 Sep 2024 17:18  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

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Quant Time: Sep 17 04:14:41 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091024.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 11 02:55:44 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

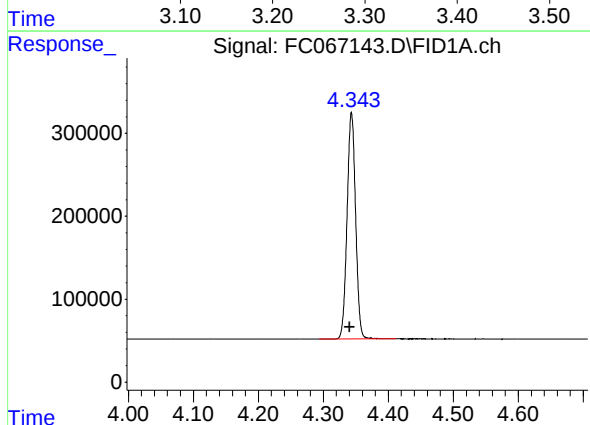




#1 n-Nonane (C9)

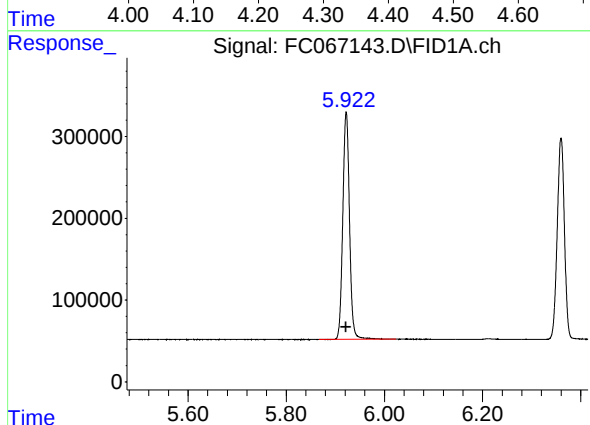
R.T.: 3.278 min  
Delta R.T.: 0.002 min  
Response: 2405434  
Conc: 18.13 ug/ml

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



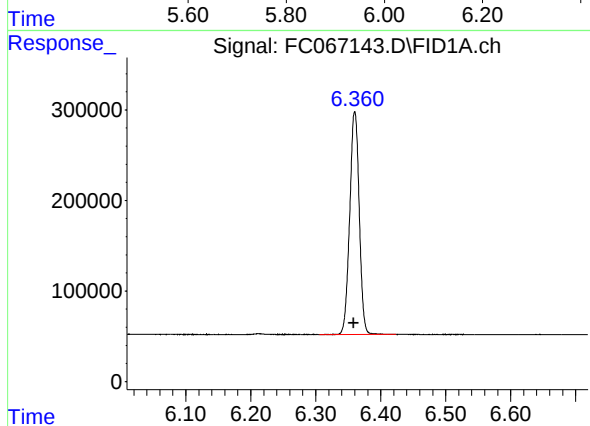
#2 n-Decane (C10)

R.T.: 4.343 min  
Delta R.T.: 0.003 min  
Response: 2495001  
Conc: 18.58 ug/ml



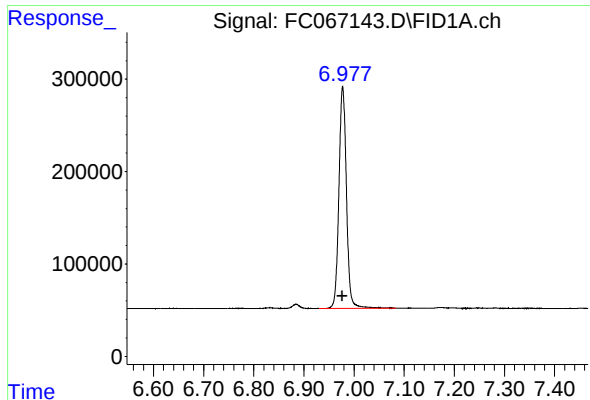
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min  
Delta R.T.: 0.000 min  
Response: 2638511  
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

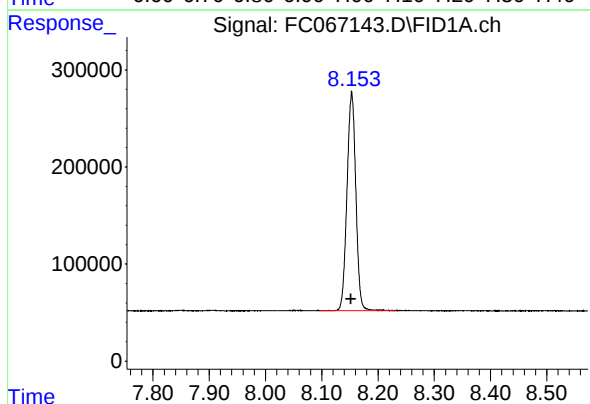
R.T.: 6.360 min  
Delta R.T.: 0.002 min  
Response: 2509868  
Conc: 18.75 ug/ml



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

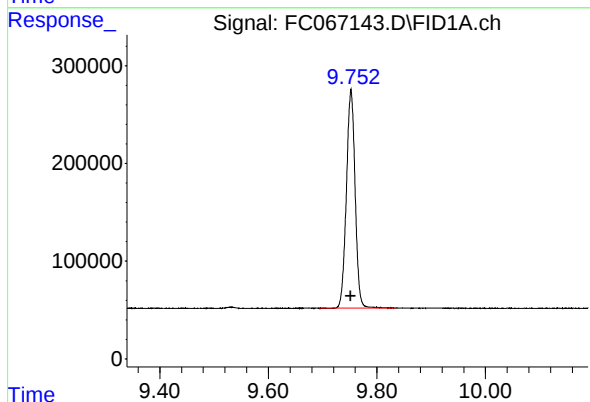
R.T.: 6.978 min  
Delta R.T.: 0.000 min  
Response: 2508751  
Conc: 18.79 ug/ml

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



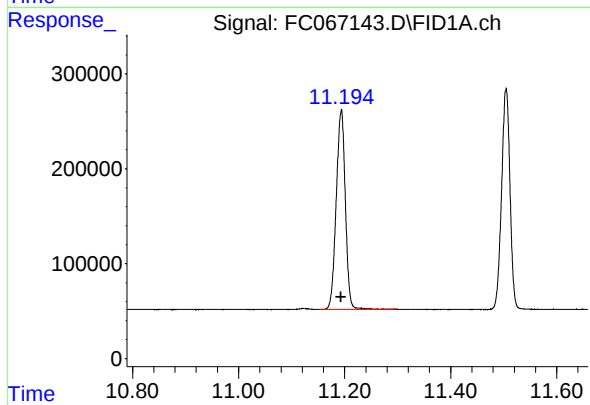
#6 n-Tetradecane (C14)

R.T.: 8.153 min  
Delta R.T.: 0.001 min  
Response: 2451371  
Conc: 19.02 ug/ml



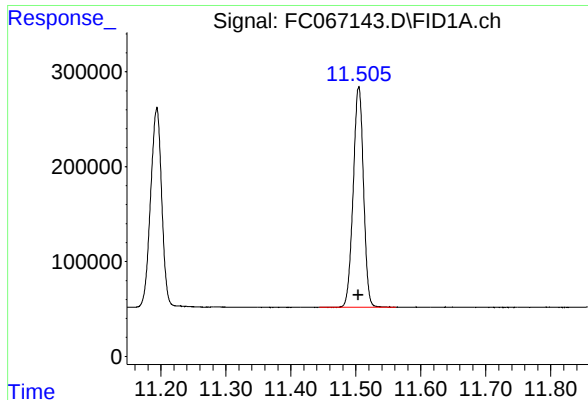
#7 n-Hexadecane (C16)

R.T.: 9.752 min  
Delta R.T.: 0.000 min  
Response: 2494743  
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

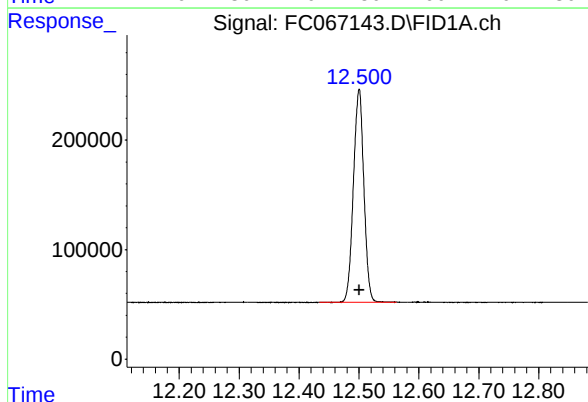
R.T.: 11.194 min  
Delta R.T.: 0.000 min  
Response: 2509222  
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

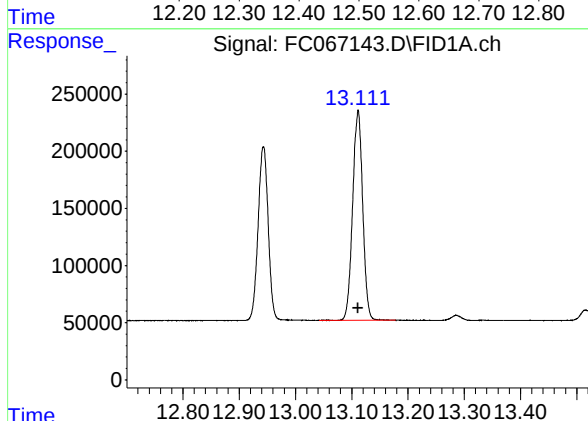
R.T.: 11.505 min  
Delta R.T.: 0.000 min  
Response: 2564456  
Conc: 18.42 ug/ml

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



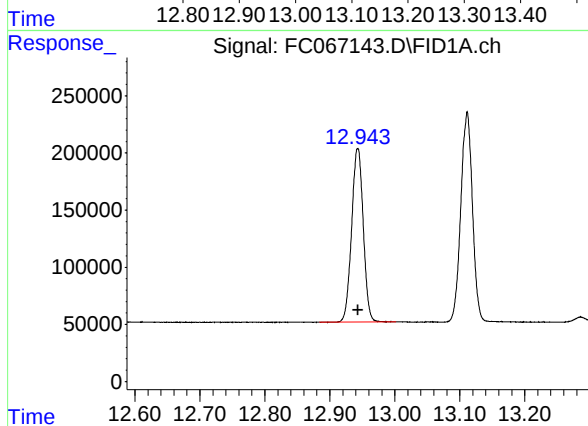
#10 n-Eicosane (C20)

R.T.: 12.500 min  
Delta R.T.: 0.000 min  
Response: 2355441  
Conc: 19.61 ug/ml



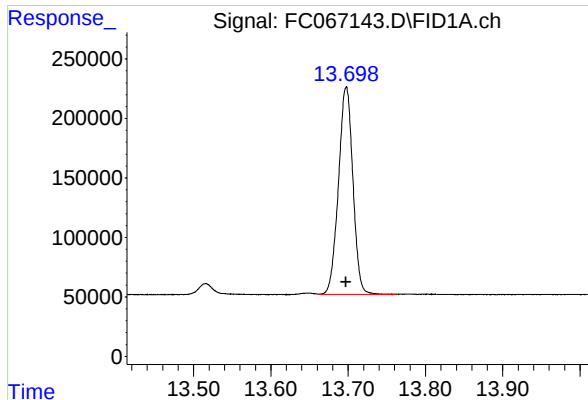
#11 n-Heneicosane (C21)

R.T.: 13.111 min  
Delta R.T.: 0.000 min  
Response: 2286998  
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

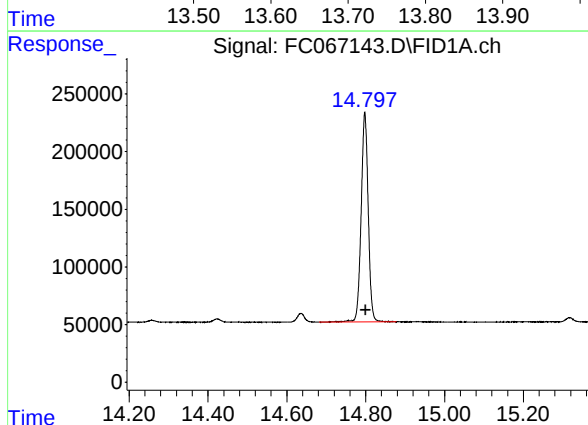
R.T.: 12.943 min  
Delta R.T.: 0.000 min  
Response: 1887549  
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

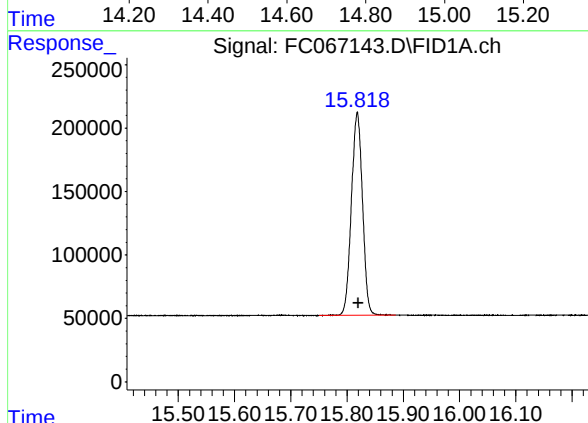
R.T.: 13.697 min  
Delta R.T.: 0.000 min  
Response: 2262733  
Conc: 19.60 ug/ml

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



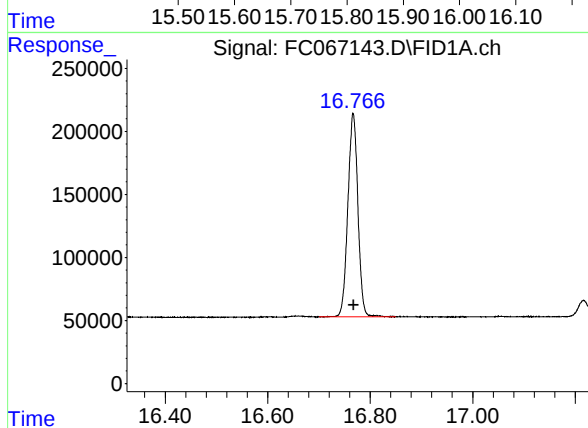
#14 n-Tetracosane (C24)

R.T.: 14.798 min  
Delta R.T.: -0.003 min  
Response: 2264636  
Conc: 19.94 ug/ml



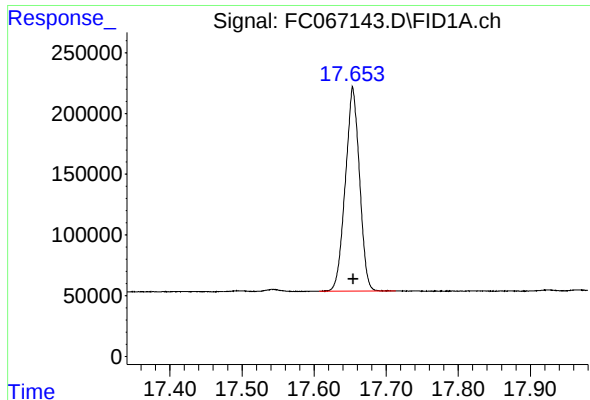
#15 n-Hexacosane (C26)

R.T.: 15.818 min  
Delta R.T.: -0.002 min  
Response: 2191413  
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

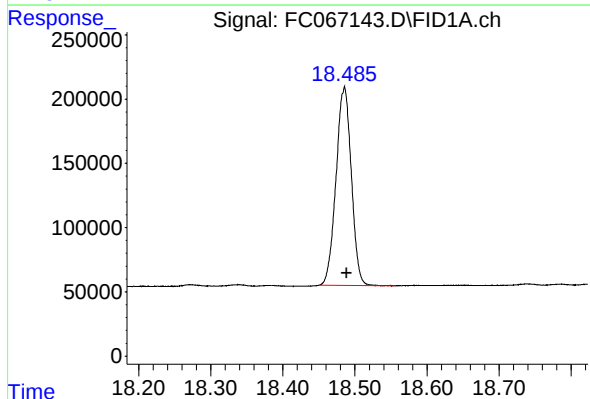
R.T.: 16.767 min  
Delta R.T.: -0.001 min  
Response: 2191016  
Conc: 20.28 ug/ml



#17 n-Tricontane (C30)

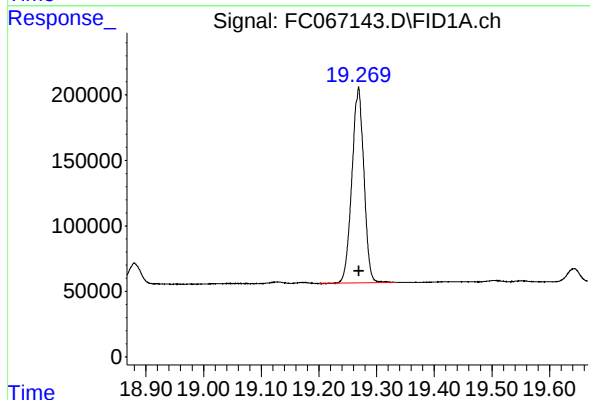
R.T.: 17.654 min  
Delta R.T.: 0.000 min  
Response: 2299753  
Conc: 21.14 ug/ml

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



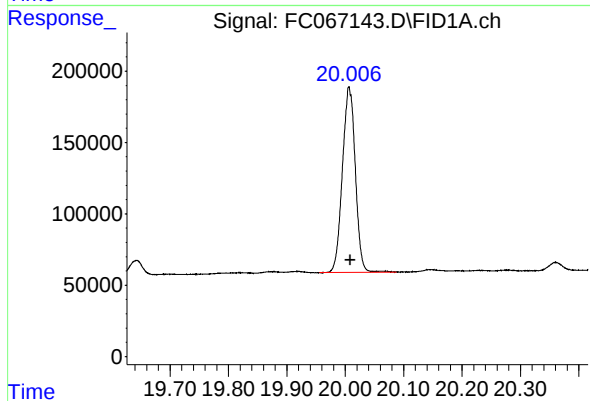
#18 n-Dotriacontane (C32)

R.T.: 18.485 min  
Delta R.T.: -0.003 min  
Response: 2276496  
Conc: 21.83 ug/ml



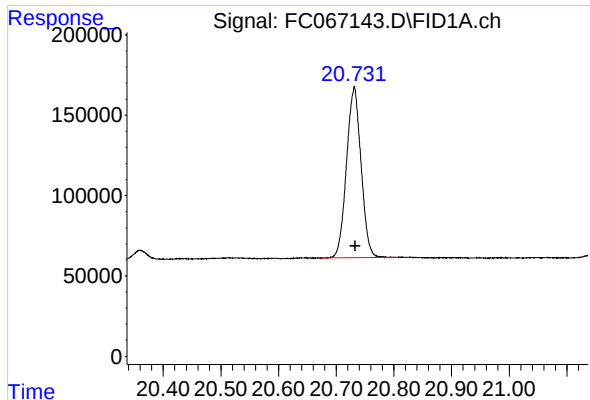
#19 n-Tetatriacontane (C34)

R.T.: 19.268 min  
Delta R.T.: -0.002 min  
Response: 2166264  
Conc: 23.48 ug/ml



#20 n-Hexatriacontane (C36)

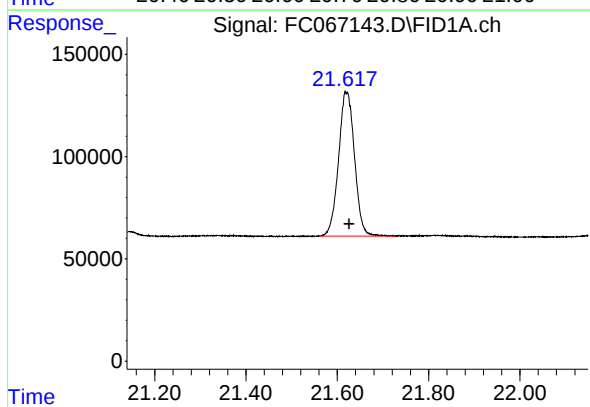
R.T.: 20.007 min  
Delta R.T.: -0.002 min  
Response: 1996525  
Conc: 25.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min  
Delta R.T.: -0.002 min  
Response: 1858564  
Conc: 24.74 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.620 min  
Delta R.T.: -0.007 min  
Response: 1707449  
Conc: 24.44 ug/ml