

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC123022AL\  
 Data File : FC062521.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Dec 2022 09:40  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Dec 30 14:59:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 08 01:05:24 2022  
 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)    | 11.551 | 2499032    | 17.716 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.43%       |
| 12) S 1-chlorooctadecane (S... | 12.990 | 1894908    | 17.779 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.56%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.312  | 2169908    | 16.871 ug/ml |
| 2) T n-Decane (C10)            | 4.379  | 2205063    | 17.726 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.964  | 2492529    | 17.565 ug/ml |
| 4) T n-Dodecane (C12)          | 6.400  | 2157934    | 17.228 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.022  | 2327200    | 18.099 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.196  | 2213868    | 18.179 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.797  | 2252910    | 17.949 ug/ml |
| 8) T n-Octadecane (C18)        | 11.237 | 2307306    | 18.061 ug/ml |
| 10) T n-Eicosane (C20)         | 12.546 | 2257644    | 18.149 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.159 | 2214399    | 17.919 ug/ml |
| 13) T n-Docosane (C22)         | 13.743 | 2293905    | 18.884 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.845 | 2418311    | 20.175 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.864 | 2475472    | 21.310 ug/ml |
| 16) T n-Octacosane (C28)       | 16.814 | 2587302    | 22.765 ug/ml |
| 17) T n-Tricontane (C30)       | 17.699 | 2672262    | 23.902 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.528 | 2644612    | 23.800 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.309 | 2340521    | 21.635 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.049 | 2118495    | 20.867 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.779 | 2025355    | 19.796 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.681 | 1996396    | 19.699 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

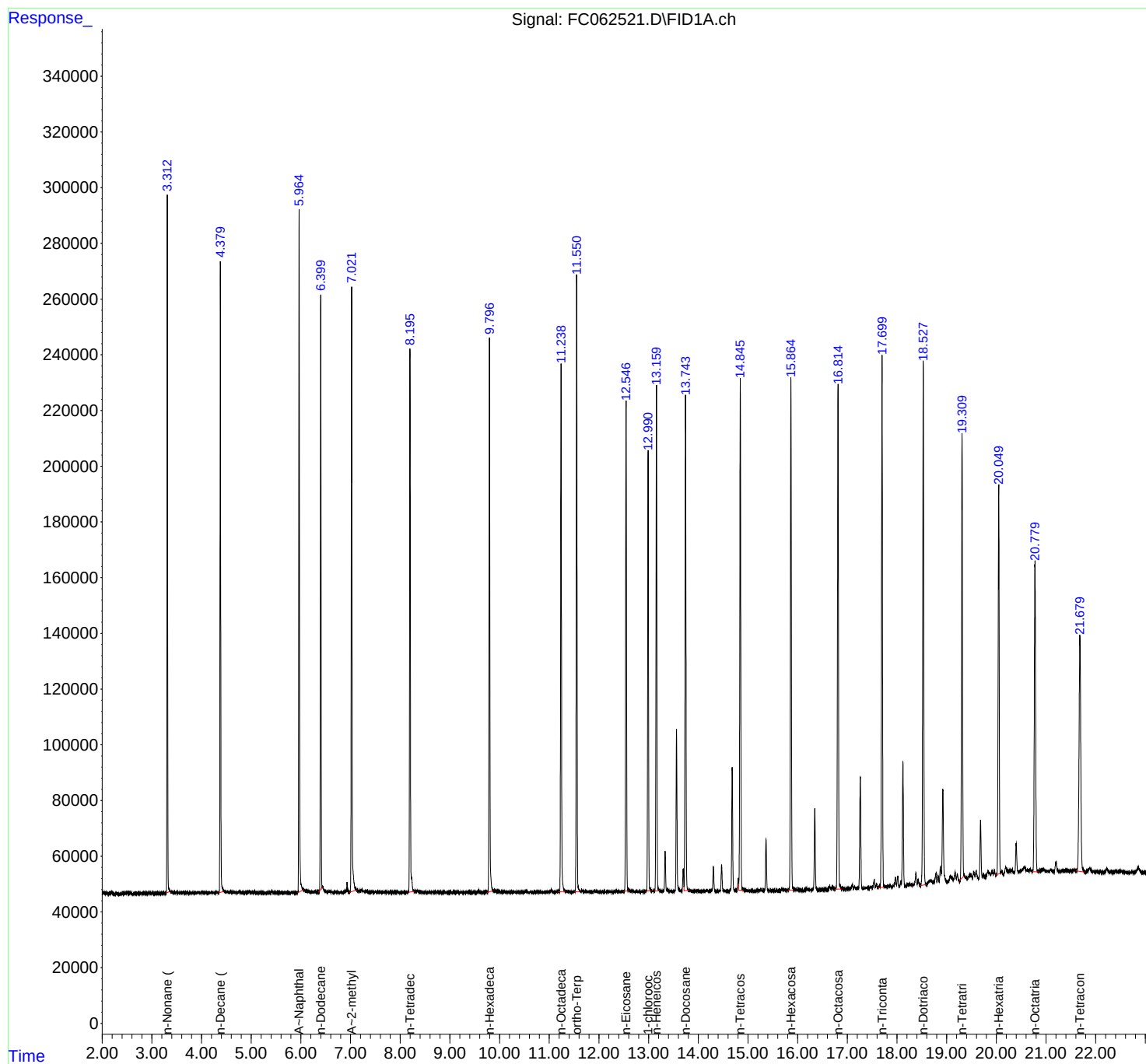
(m)=manual int.

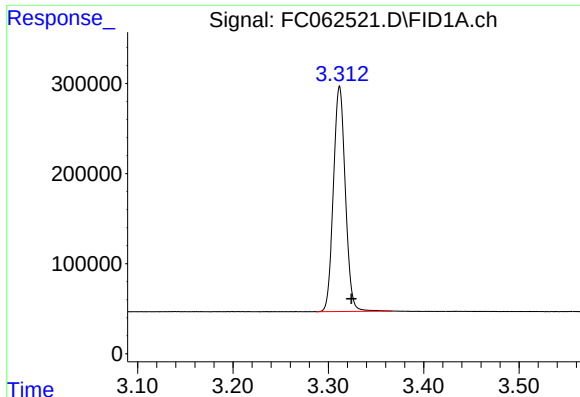
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC123022AL\  
Data File : FC062521.D  
Signal(s) : FID1A.ch  
Acq On : 30 Dec 2022 09:40  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Dec 30 14:59:05 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 08 01:05:24 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

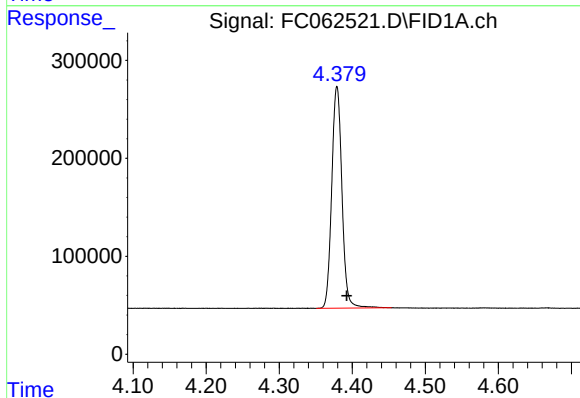




#1 n-Nonane (C9)

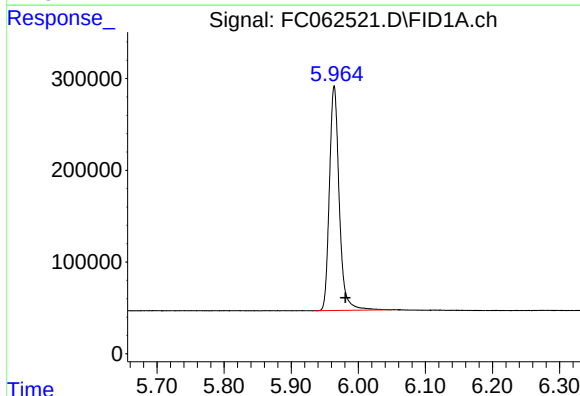
R.T.: 3.312 min  
Delta R.T.: -0.012 min  
Response: 2169908  
Conc: 16.87 ug/ml

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



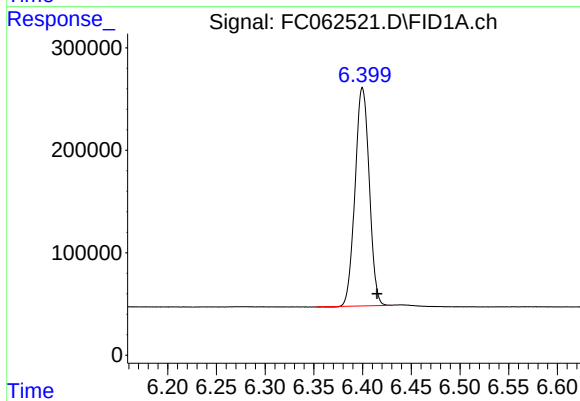
#2 n-Decane (C10)

R.T.: 4.379 min  
Delta R.T.: -0.014 min  
Response: 2205063  
Conc: 17.73 ug/ml



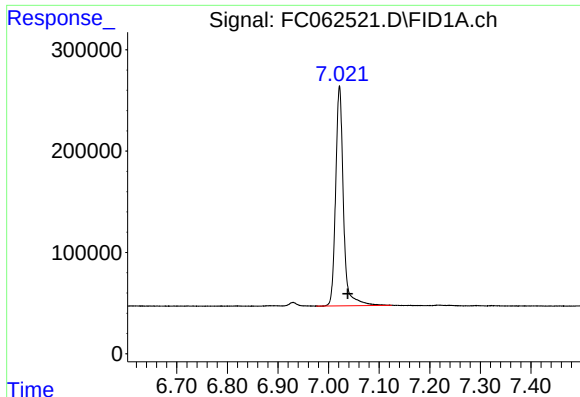
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min  
Delta R.T.: -0.017 min  
Response: 2492529  
Conc: 17.57 ug/ml



#4 n-Dodecane (C12)

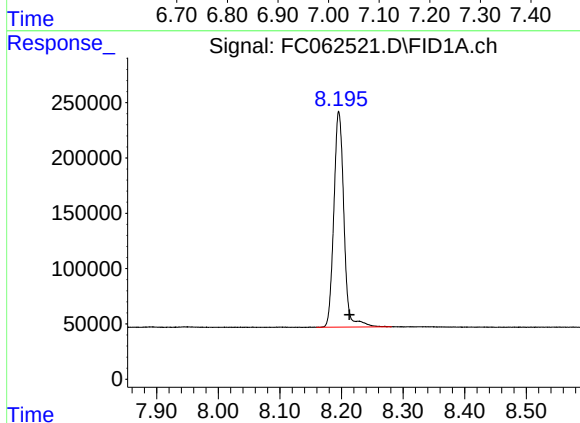
R.T.: 6.400 min  
Delta R.T.: -0.015 min  
Response: 2157934  
Conc: 17.23 ug/ml



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

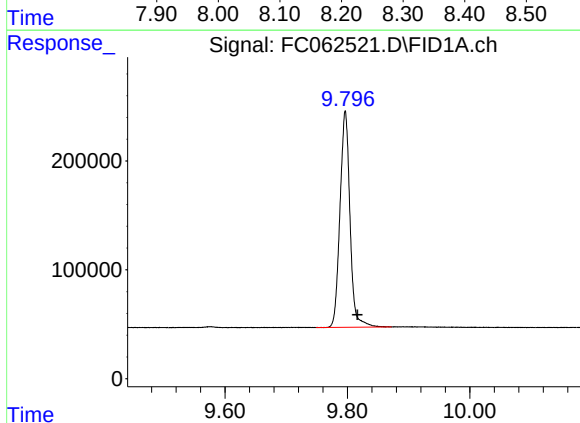
R.T.: 7.022 min  
Delta R.T.: -0.016 min  
Response: 2327200  
Conc: 18.10 ug/ml

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



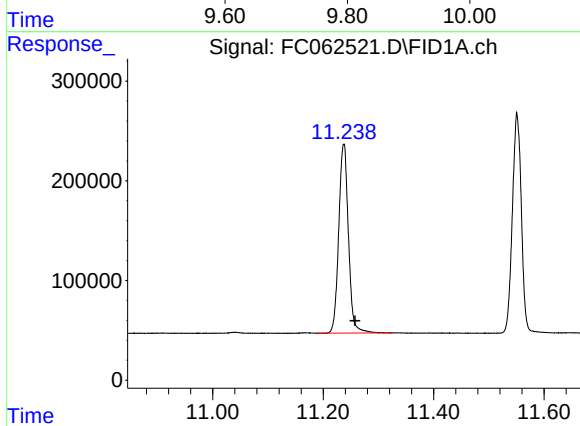
#6 n-Tetradecane (C14)

R.T.: 8.196 min  
Delta R.T.: -0.017 min  
Response: 2213868  
Conc: 18.18 ug/ml



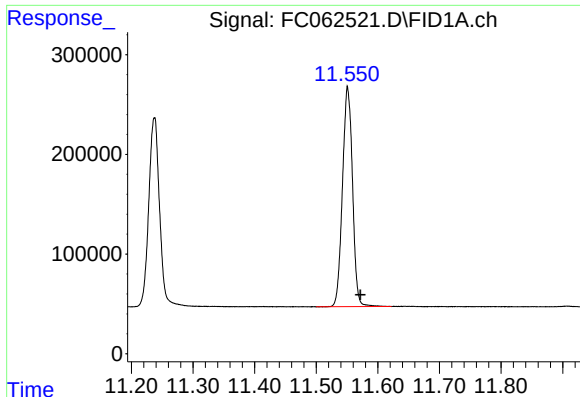
#7 n-Hexadecane (C16)

R.T.: 9.797 min  
Delta R.T.: -0.019 min  
Response: 2252910  
Conc: 17.95 ug/ml



#8 n-Octadecane (C18)

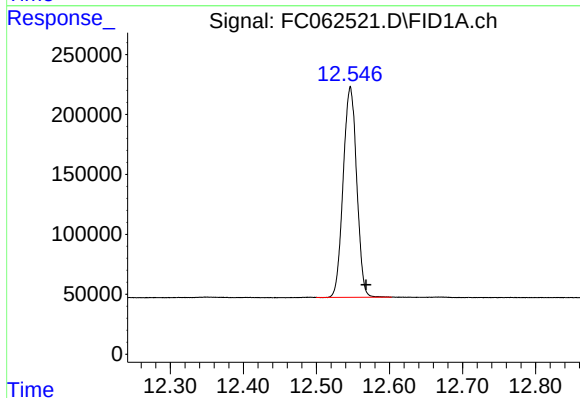
R.T.: 11.237 min  
Delta R.T.: -0.020 min  
Response: 2307306  
Conc: 18.06 ug/ml



#9 ortho-Terphenyl (SURR)

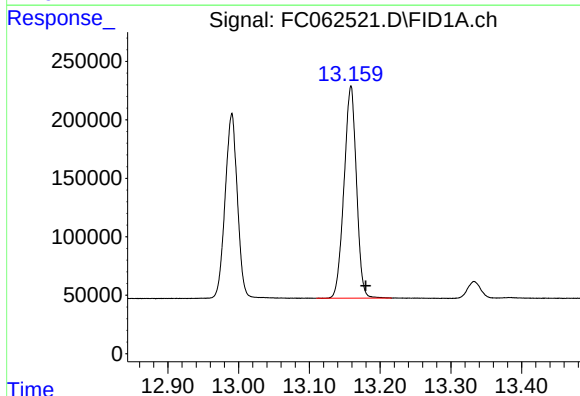
R.T.: 11.551 min  
Delta R.T.: -0.021 min  
Response: 2499032  
Conc: 17.72 ug/ml

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



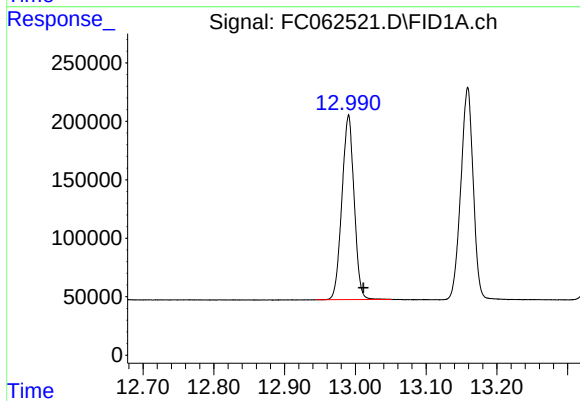
#10 n-Eicosane (C20)

R.T.: 12.546 min  
Delta R.T.: -0.021 min  
Response: 2257644  
Conc: 18.15 ug/ml



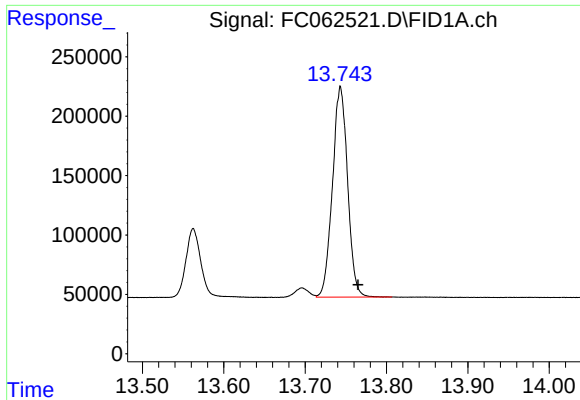
#11 n-Heneicosane (C21)

R.T.: 13.159 min  
Delta R.T.: -0.021 min  
Response: 2214399  
Conc: 17.92 ug/ml



#12 1-chlorooctadecane (SURR)

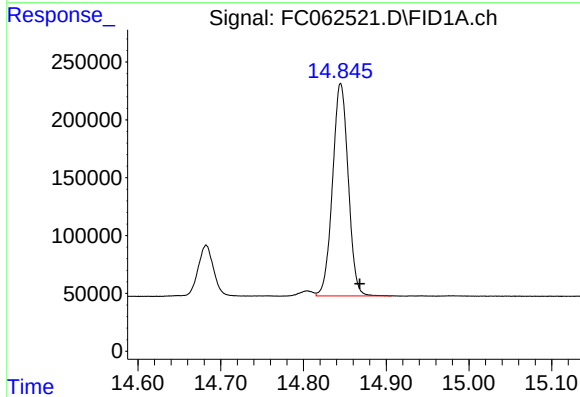
R.T.: 12.990 min  
Delta R.T.: -0.021 min  
Response: 1894908  
Conc: 17.78 ug/ml



#13 n-Docosane (C22)

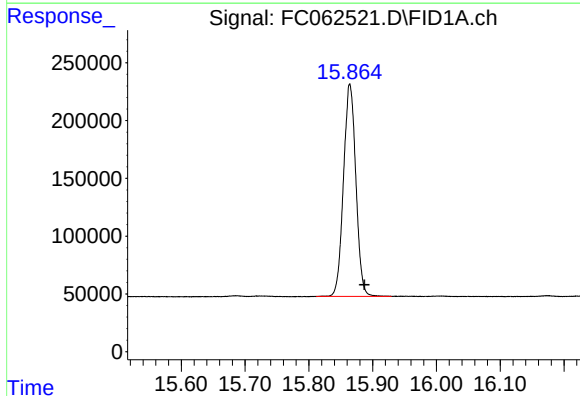
R.T.: 13.743 min  
Delta R.T.: -0.022 min  
Response: 2293905  
Conc: 18.88 ug/ml

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



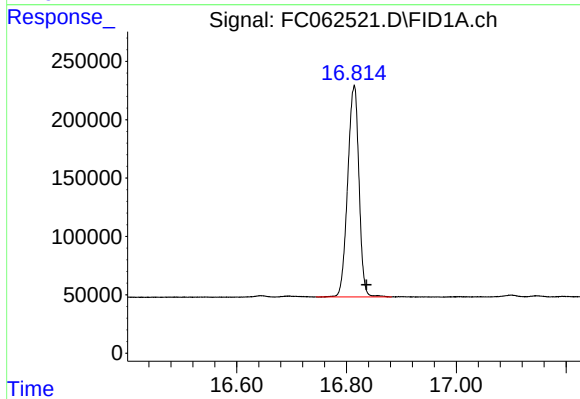
#14 n-Tetracosane (C24)

R.T.: 14.845 min  
Delta R.T.: -0.023 min  
Response: 2418311  
Conc: 20.18 ug/ml



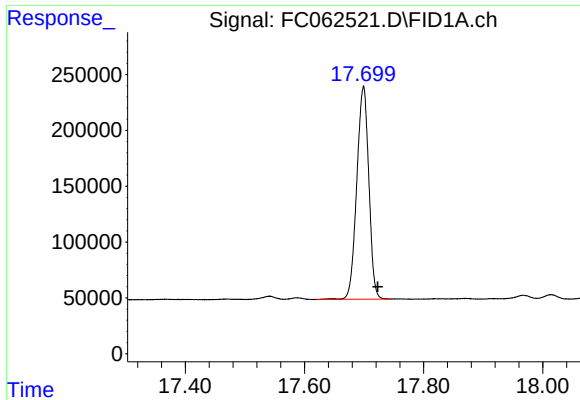
#15 n-Hexacosane (C26)

R.T.: 15.864 min  
Delta R.T.: -0.023 min  
Response: 2475472  
Conc: 21.31 ug/ml



#16 n-Octacosane (C28)

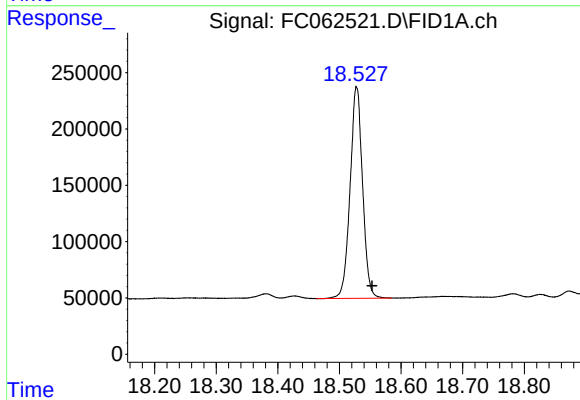
R.T.: 16.814 min  
Delta R.T.: -0.022 min  
Response: 2587302  
Conc: 22.76 ug/ml



#17 n-Tricontane (C30)

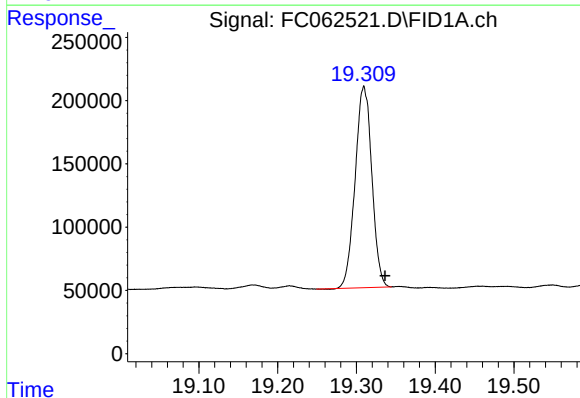
R.T.: 17.699 min  
Delta R.T.: -0.024 min  
Response: 2672262  
Conc: 23.90 ug/ml

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



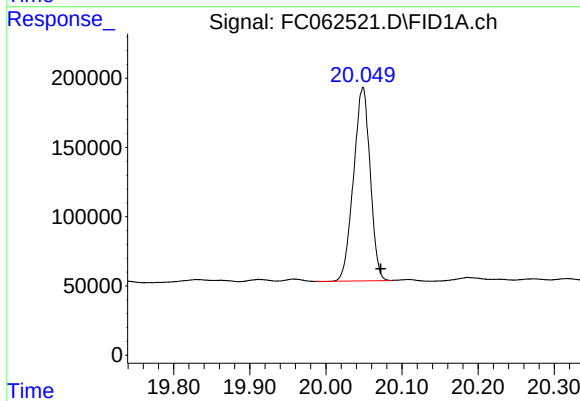
#18 n-Dotriacontane (C32)

R.T.: 18.528 min  
Delta R.T.: -0.025 min  
Response: 2644612  
Conc: 23.80 ug/ml



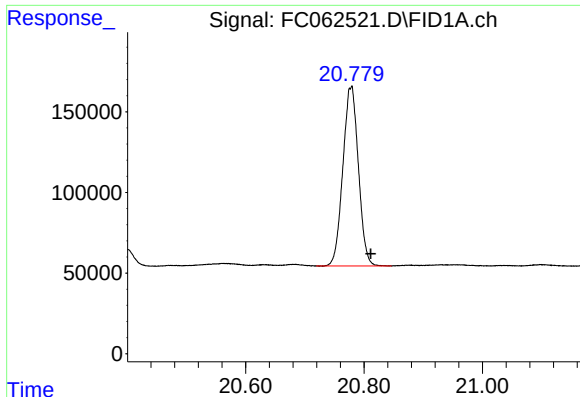
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min  
Delta R.T.: -0.027 min  
Response: 2340521  
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

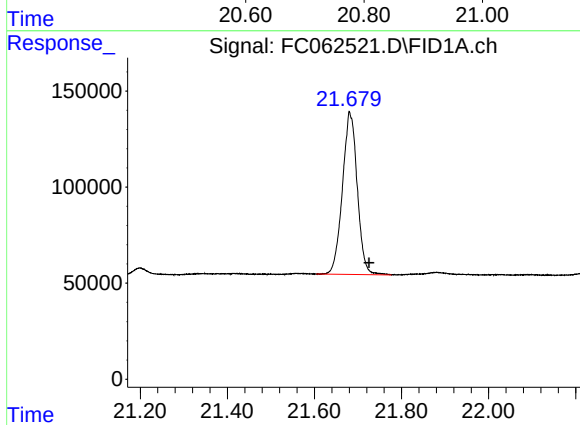
R.T.: 20.049 min  
Delta R.T.: -0.023 min  
Response: 2118495  
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.779 min  
Delta R.T.: -0.033 min  
Response: 2025355  
Conc: 19.80 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.681 min  
Delta R.T.: -0.045 min  
Response: 1996396  
Conc: 19.70 ug/ml