

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080524AL\  
 Data File : FC066915.D  
 Signal(s) : FID1A.ch  
 Acq On : 05 Aug 2024 12:15  
 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: Aug 05 15:03:55 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 13:58:41 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)    | 11.513 | 2847149    | 18.494 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.99%       |
| 12) S 1-chlorooctadecane (S... | 12.952 | 2051377    | 18.346 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.69%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.285  | 2621147    | 18.473 ug/ml |
| 2) T n-Decane (C10)            | 4.350  | 2746395    | 18.578 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.929  | 2909915    | 18.222 ug/ml |
| 4) T n-Dodecane (C12)          | 6.366  | 2751548    | 18.354 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.985  | 2782442    | 18.150 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.160  | 2667827    | 18.234 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.760  | 2716028    | 18.147 ug/ml |
| 8) T n-Octadecane (C18)        | 11.201 | 2699703    | 18.192 ug/ml |
| 10) T n-Eicosane (C20)         | 12.510 | 2541850    | 18.236 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.121 | 2473663    | 18.161 ug/ml |
| 13) T n-Docosane (C22)         | 13.707 | 2462235    | 18.331 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.809 | 2432886    | 18.291 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.829 | 2380572    | 18.296 ug/ml |
| 16) T n-Octacosane (C28)       | 16.778 | 2361701    | 18.721 ug/ml |
| 17) T n-Tricontane (C30)       | 17.665 | 2460769    | 19.136 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.497 | 2438835    | 19.372 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.281 | 2317606    | 18.733 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.020 | 2139839    | 18.395 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.747 | 1979728    | 17.818 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.642 | 1798986    | 16.548 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

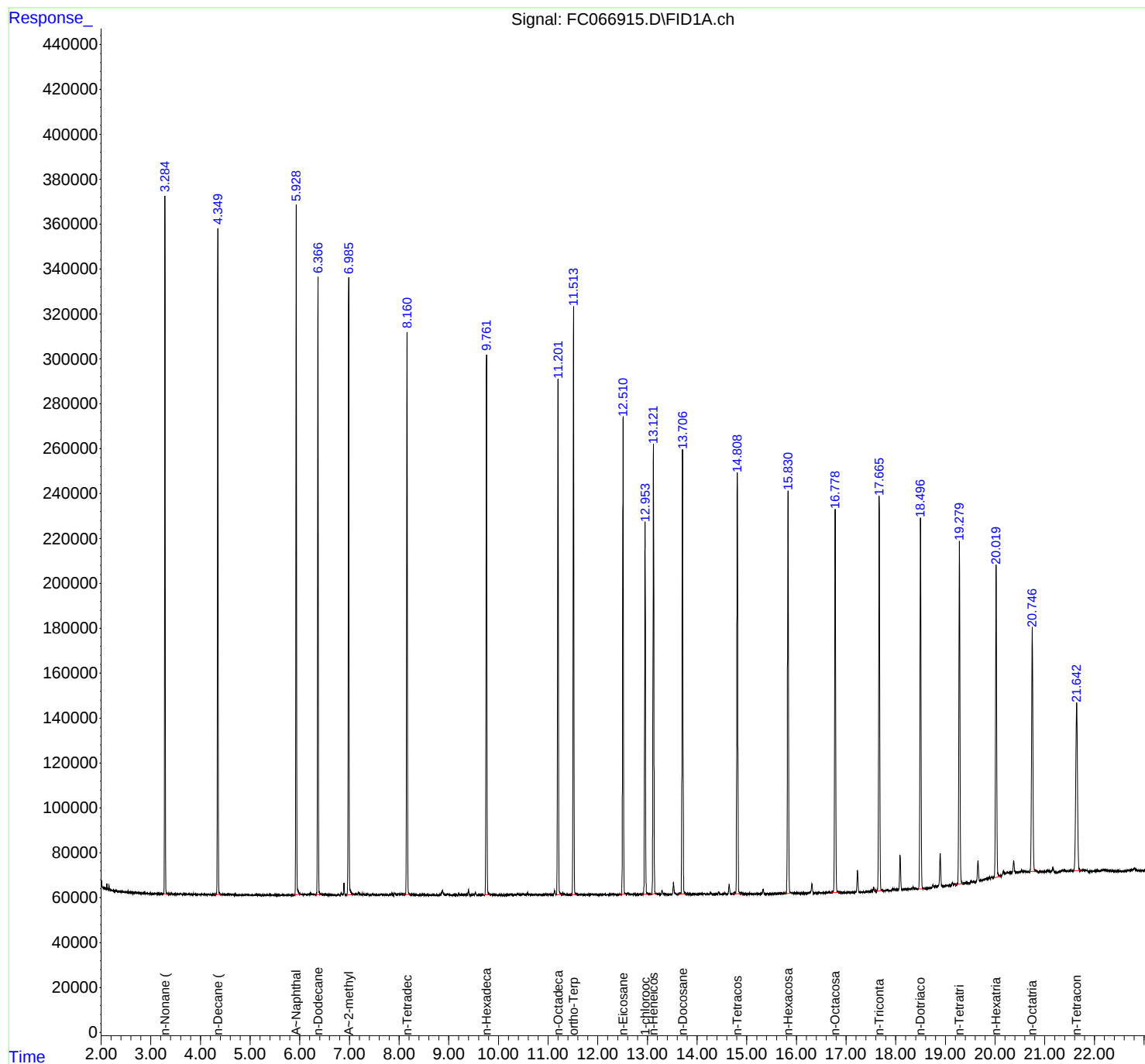
(m)=manual int.

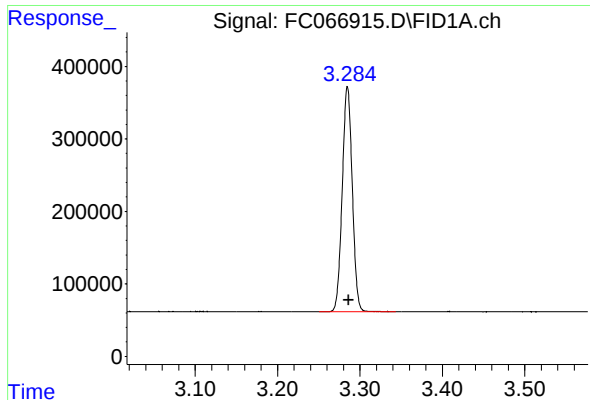
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080524AL\  
Data File : FC066915.D  
Signal(s) : FID1A.ch  
Acq On : 05 Aug 2024 12:15  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Aug 05 15:03:55 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 13:58:41 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

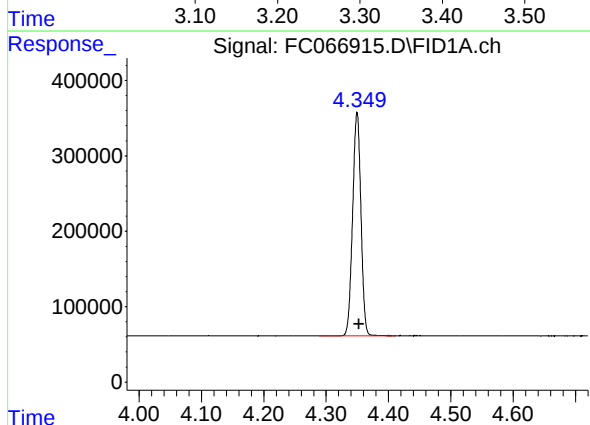




#1 n-Nonane (C9)

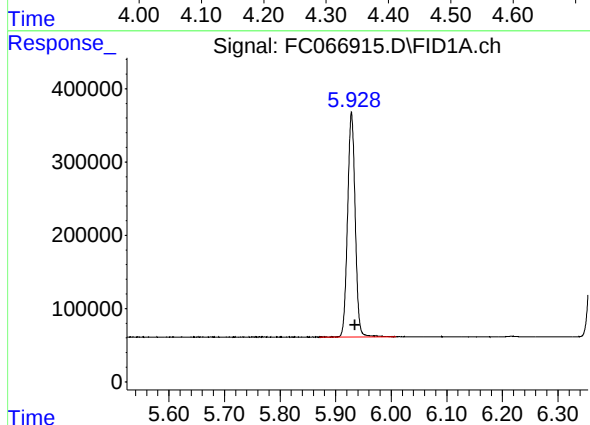
R.T.: 3.285 min  
Delta R.T.: -0.001 min  
Response: 2621147  
Conc: 18.47 ug/ml

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



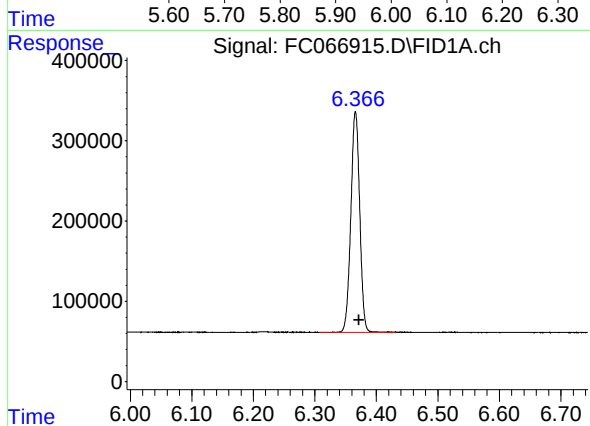
#2 n-Decane (C10)

R.T.: 4.350 min  
Delta R.T.: -0.003 min  
Response: 2746395  
Conc: 18.58 ug/ml



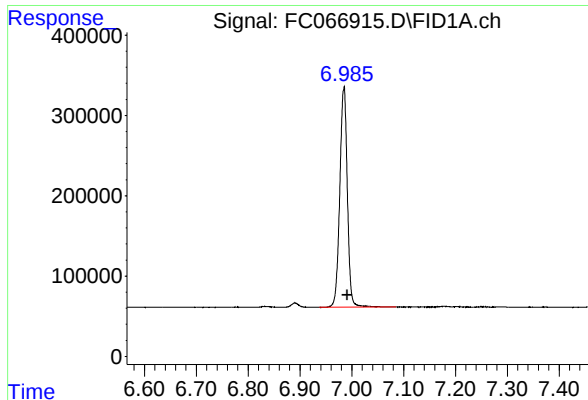
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min  
Delta R.T.: -0.006 min  
Response: 2909915  
Conc: 18.22 ug/ml



#4 n-Dodecane (C12)

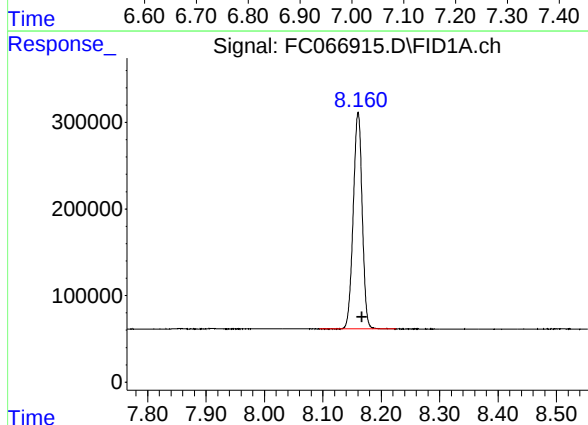
R.T.: 6.366 min  
Delta R.T.: -0.006 min  
Response: 2751548  
Conc: 18.35 ug/ml



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

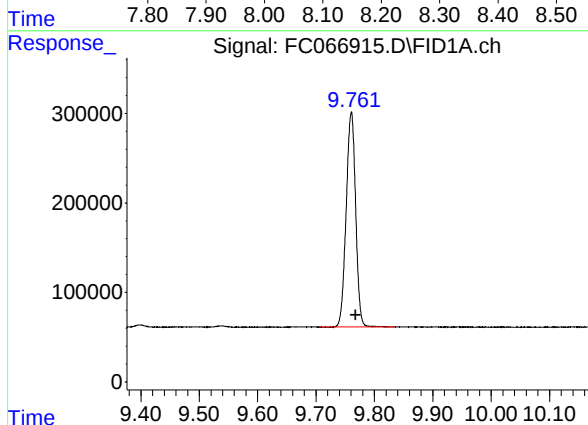
R.T.: 6.985 min  
Delta R.T.: -0.007 min  
Response: 2782442  
Conc: 18.15 ug/ml

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



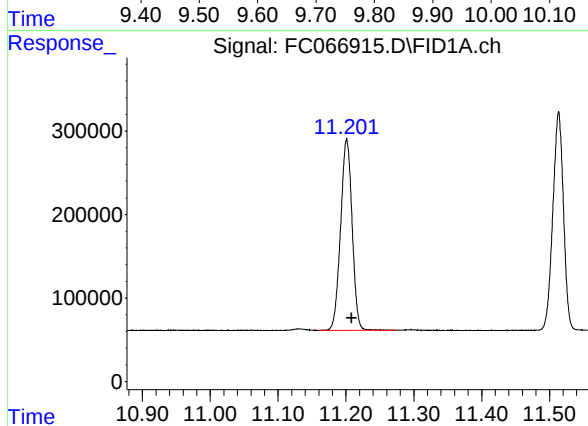
#6 n-Tetradecane (C14)

R.T.: 8.160 min  
Delta R.T.: -0.007 min  
Response: 2667827  
Conc: 18.23 ug/ml



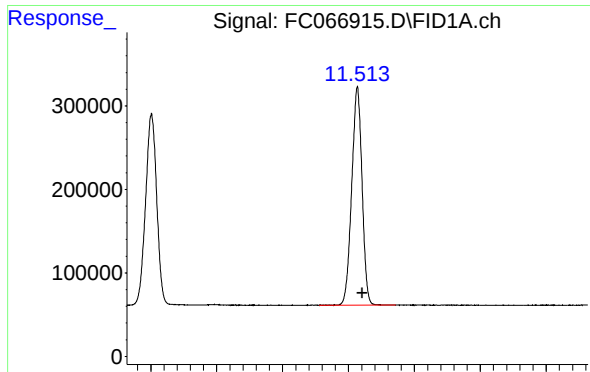
#7 n-Hexadecane (C16)

R.T.: 9.760 min  
Delta R.T.: -0.007 min  
Response: 2716028  
Conc: 18.15 ug/ml



#8 n-Octadecane (C18)

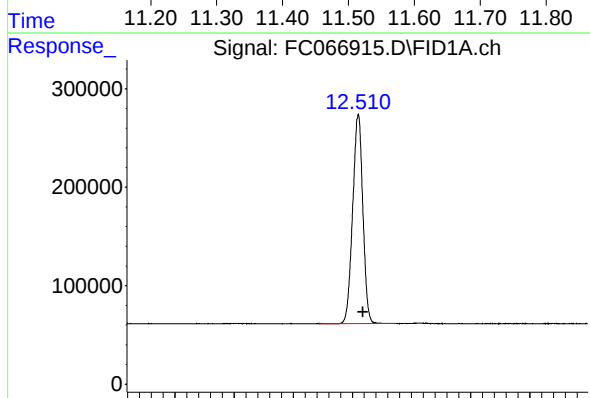
R.T.: 11.201 min  
Delta R.T.: -0.008 min  
Response: 2699703  
Conc: 18.19 ug/ml



#9 ortho-Terphenyl (SURR)

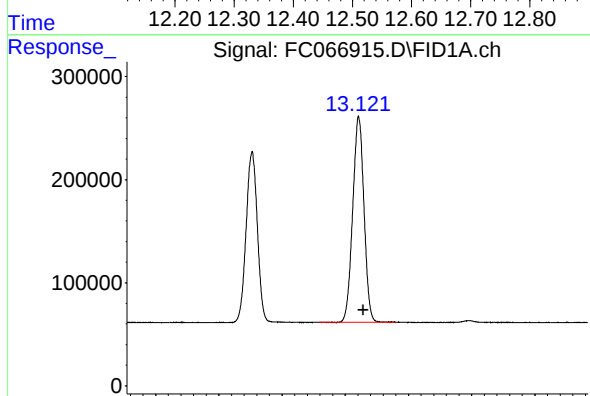
R.T.: 11.513 min  
Delta R.T.: -0.007 min  
Response: 2847149  
Conc: 18.49 ug/ml

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



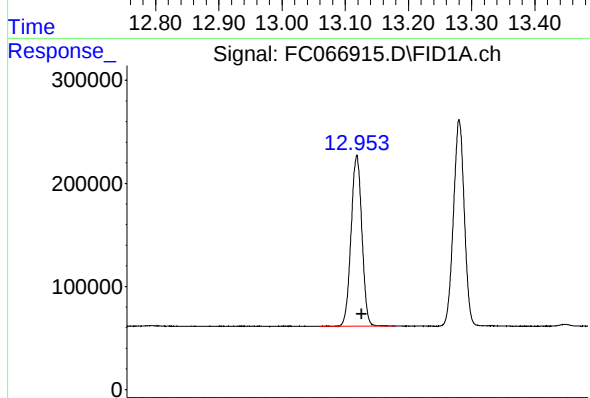
#10 n-Eicosane (C20)

R.T.: 12.510 min  
Delta R.T.: -0.008 min  
Response: 2541850  
Conc: 18.24 ug/ml



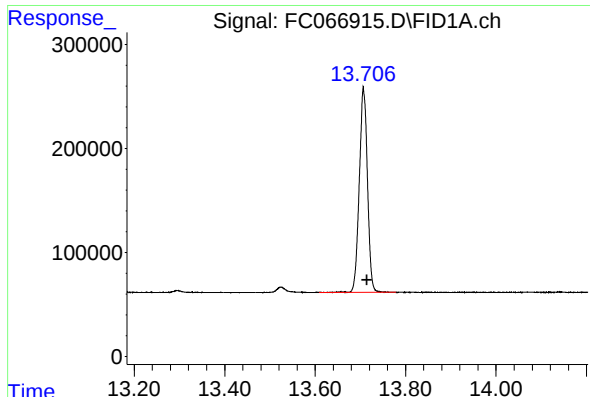
#11 n-Heneicosane (C21)

R.T.: 13.121 min  
Delta R.T.: -0.007 min  
Response: 2473663  
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

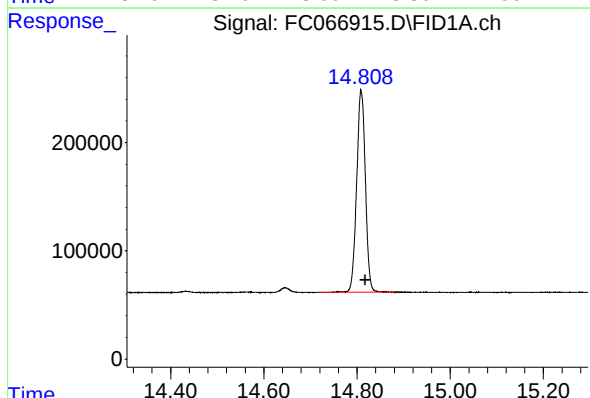
R.T.: 12.952 min  
Delta R.T.: -0.008 min  
Response: 2051377  
Conc: 18.35 ug/ml



#13 n-Docosane (C22)

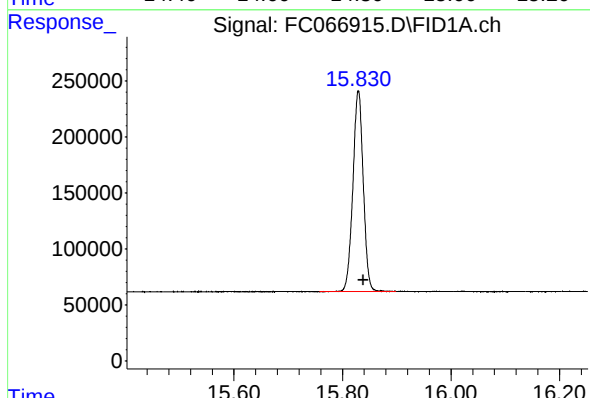
R.T.: 13.707 min  
Delta R.T.: -0.008 min  
Response: 2462235  
Conc: 18.33 ug/ml

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



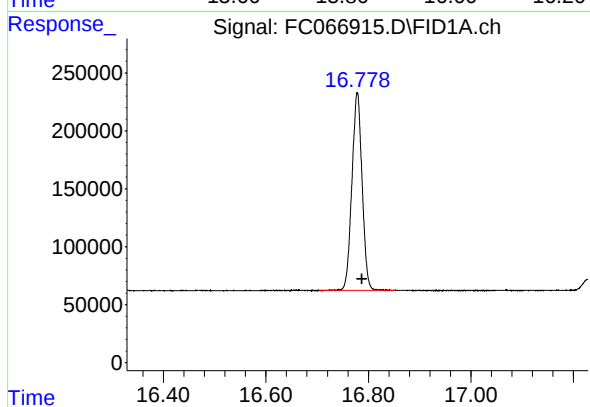
#14 n-Tetracosane (C24)

R.T.: 14.809 min  
Delta R.T.: -0.009 min  
Response: 2432886  
Conc: 18.29 ug/ml



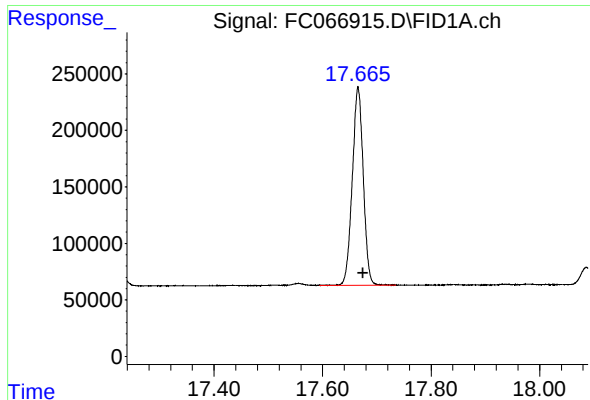
#15 n-Hexacosane (C26)

R.T.: 15.829 min  
Delta R.T.: -0.009 min  
Response: 2380572  
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

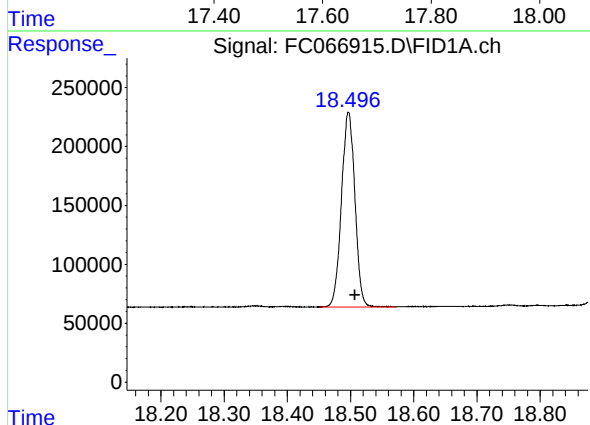
R.T.: 16.778 min  
Delta R.T.: -0.009 min  
Response: 2361701  
Conc: 18.72 ug/ml



#17 n-Tricontane (C30)

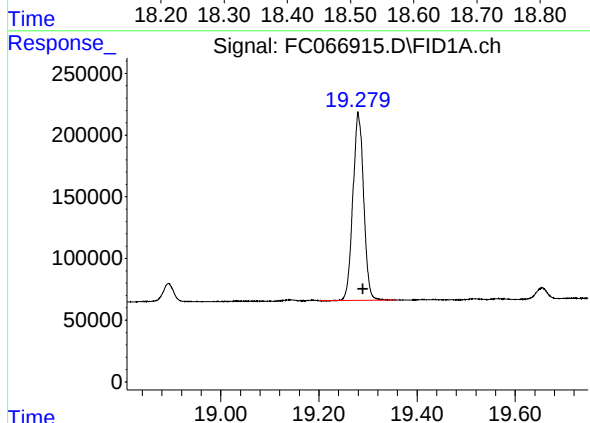
R.T.: 17.665 min  
Delta R.T.: -0.009 min  
Response: 2460769  
Conc: 19.14 ug/ml

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



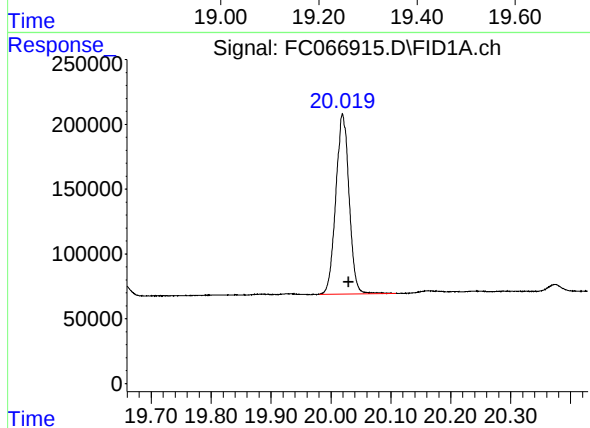
#18 n-Dotriacontane (C32)

R.T.: 18.497 min  
Delta R.T.: -0.010 min  
Response: 2438835  
Conc: 19.37 ug/ml



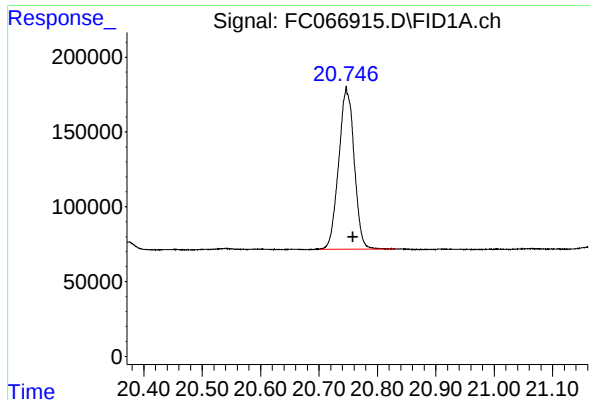
#19 n-Tetatriacontane (C34)

R.T.: 19.281 min  
Delta R.T.: -0.009 min  
Response: 2317606  
Conc: 18.73 ug/ml



#20 n-Hexatriacontane (C36)

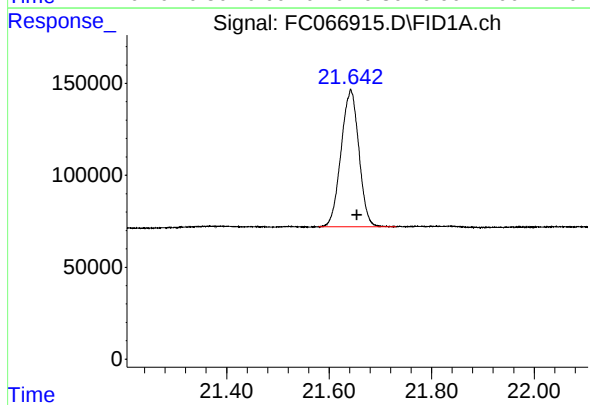
R.T.: 20.020 min  
Delta R.T.: -0.009 min  
Response: 2139839  
Conc: 18.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.747 min  
Delta R.T.: -0.011 min  
Response: 1979728  
Conc: 17.82 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.642 min  
Delta R.T.: -0.012 min  
Response: 1798986  
Conc: 16.55 ug/ml