

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011720AL\  
 Data File : FD032026.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Jan 2020 11:06  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 17 23:03:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 010620.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 07 01:05:13 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.525 | 2421907    | 17.531 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.06%       |
| 12) S 1-chlorooctadecane (S... | 12.955 | 1880099    | 17.259 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.52%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.326  | 2182898    | 18.572 ug/ml |
| 2) T n-Decane (C10)            | 4.389  | 2234683    | 18.969 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.966  | 2504705    | 18.932 ug/ml |
| 4) T n-Dodecane (C12)          | 6.398  | 2258411    | 18.976 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.017  | 2519060    | 18.793 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.185  | 2258966    | 18.612 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.777  | 2258805    | 18.225 ug/ml |
| 8) T n-Octadecane (C18)        | 11.211 | 2246691    | 17.791 ug/ml |
| 10) T n-Eicosane (C20)         | 12.513 | 2205458    | 17.284 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.122 | 2200348    | 17.082 ug/ml |
| 13) T n-Docosane (C22)         | 13.706 | 2165559    | 16.833 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.803 | 2127933    | 16.386 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.819 | 2064878    | 16.021 ug/ml |
| 16) T n-Octacosane (C28)       | 16.764 | 2003256    | 15.716 ug/ml |
| 17) T n-Tricontane (C30)       | 17.646 | 1906449    | 15.551 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.472 | 1623011    | 15.504 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.250 | 1383961    | 15.649 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.984 | 1251325    | 15.878 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.700 | 1185020    | 16.071 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.562 | 1217778    | 16.090 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

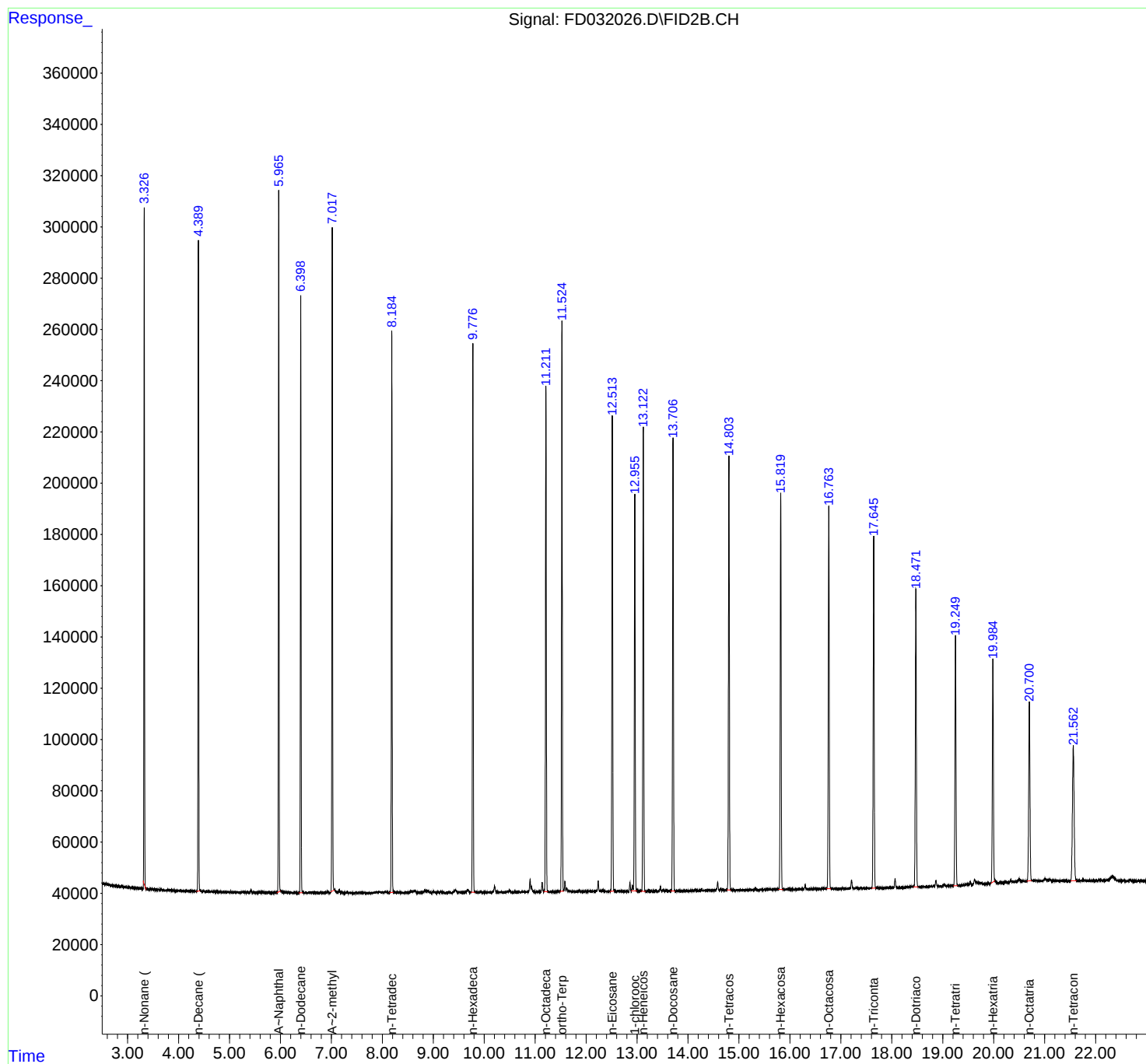
(m)=manual int.

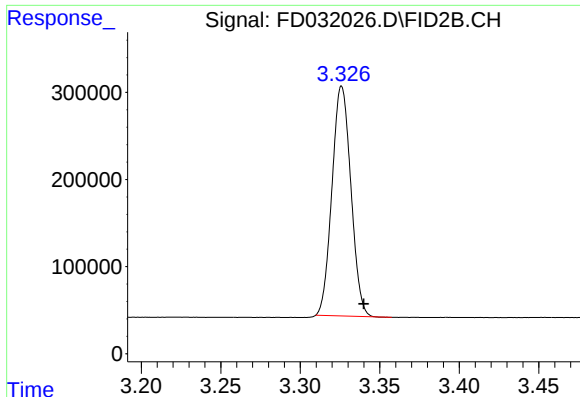
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011720AL\  
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Volume Inj. : 1 ul  
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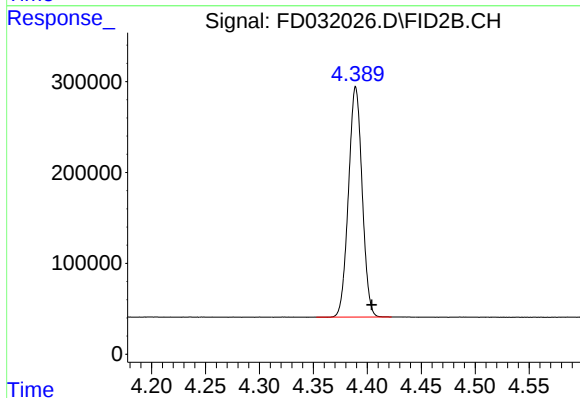




#1 n-Nonane (C9)

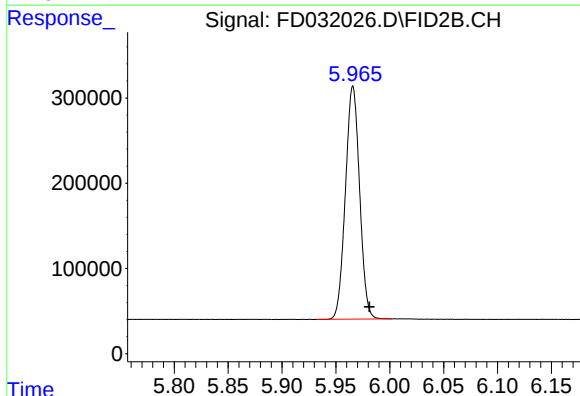
R.T.: 3.326 min  
Delta R.T.: -0.014 min  
Response: 2182898  
Conc: 18.57 ug/ml

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



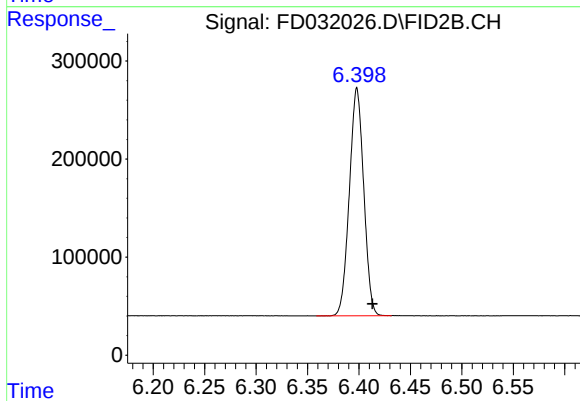
#2 n-Decane (C10)

R.T.: 4.389 min  
Delta R.T.: -0.015 min  
Response: 2234683  
Conc: 18.97 ug/ml



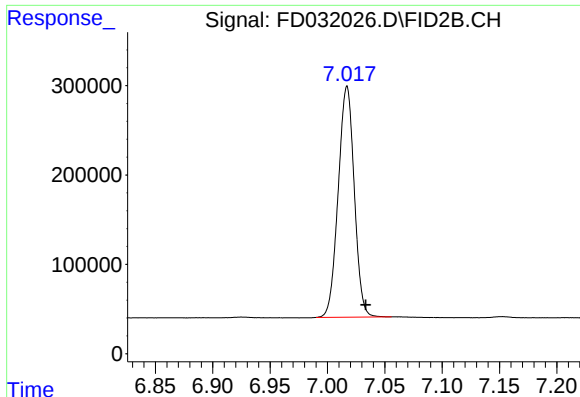
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min  
Delta R.T.: -0.015 min  
Response: 2504705  
Conc: 18.93 ug/ml



#4 n-Dodecane (C12)

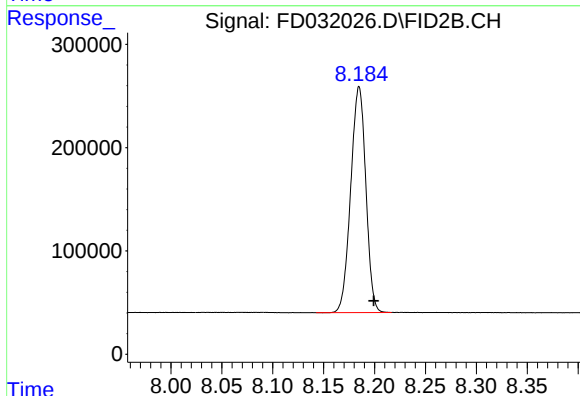
R.T.: 6.398 min  
Delta R.T.: -0.015 min  
Response: 2258411  
Conc: 18.98 ug/ml



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

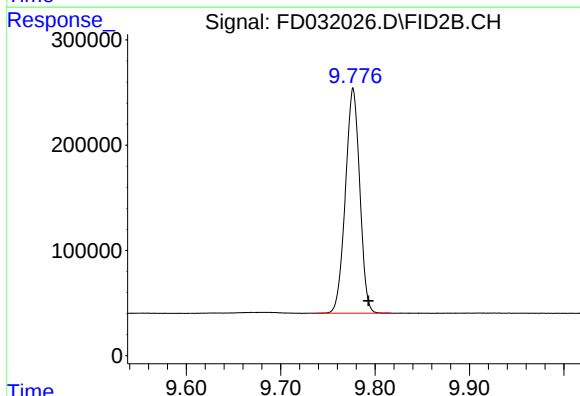
R.T.: 7.017 min  
Delta R.T.: -0.016 min  
Response: 2519060  
Conc: 18.79 ug/ml

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



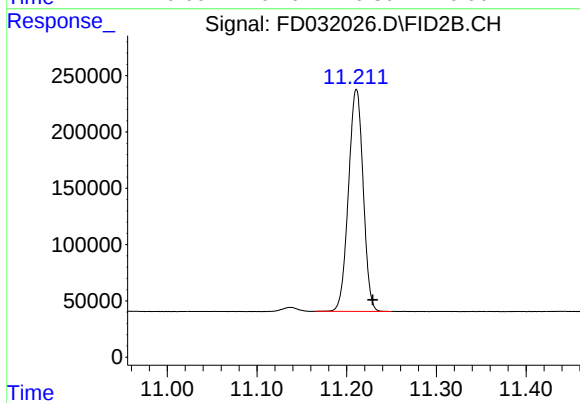
#6 n-Tetradecane (C14)

R.T.: 8.185 min  
Delta R.T.: -0.014 min  
Response: 2258966  
Conc: 18.61 ug/ml



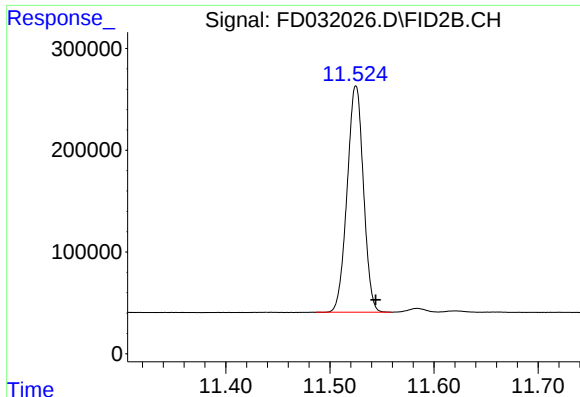
#7 n-Hexadecane (C16)

R.T.: 9.777 min  
Delta R.T.: -0.016 min  
Response: 2258805  
Conc: 18.22 ug/ml



#8 n-Octadecane (C18)

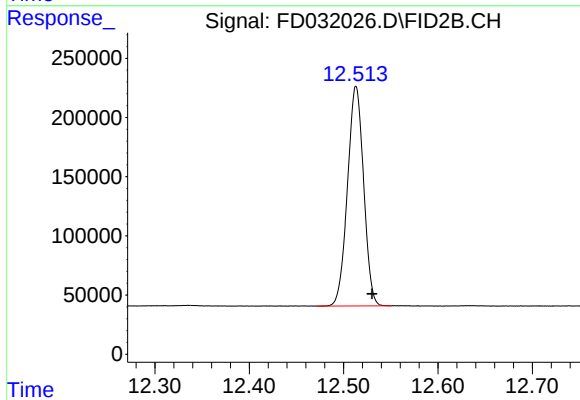
R.T.: 11.211 min  
Delta R.T.: -0.018 min  
Response: 2246691  
Conc: 17.79 ug/ml



#9 ortho-Terphenyl (SURR)

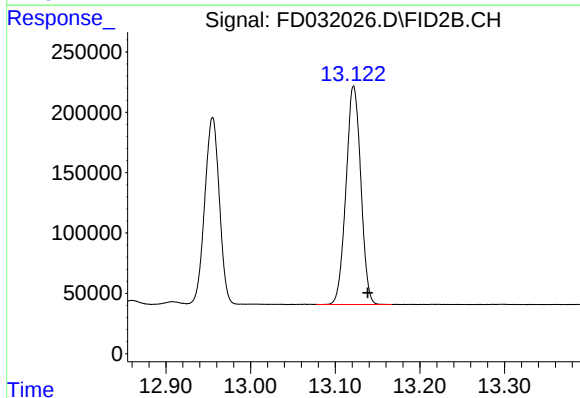
R.T.: 11.525 min  
Delta R.T.: -0.019 min  
Response: 2421907  
Conc: 17.53 ug/ml

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



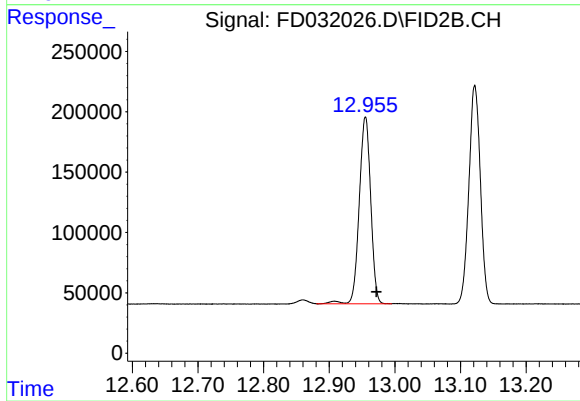
#10 n-Eicosane (C20)

R.T.: 12.513 min  
Delta R.T.: -0.017 min  
Response: 2205458  
Conc: 17.28 ug/ml



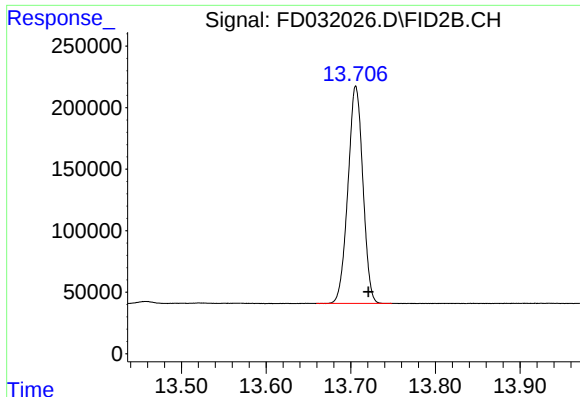
#11 n-Heneicosane (C21)

R.T.: 13.122 min  
Delta R.T.: -0.017 min  
Response: 2200348  
Conc: 17.08 ug/ml



#12 1-chlorooctadecane (SURR)

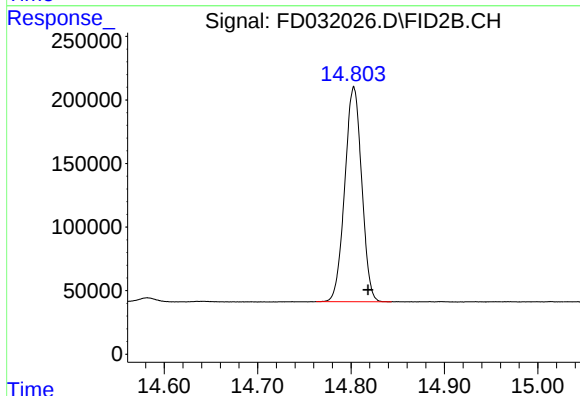
R.T.: 12.955 min  
Delta R.T.: -0.017 min  
Response: 1880099  
Conc: 17.26 ug/ml



#13 n-Docosane (C22)

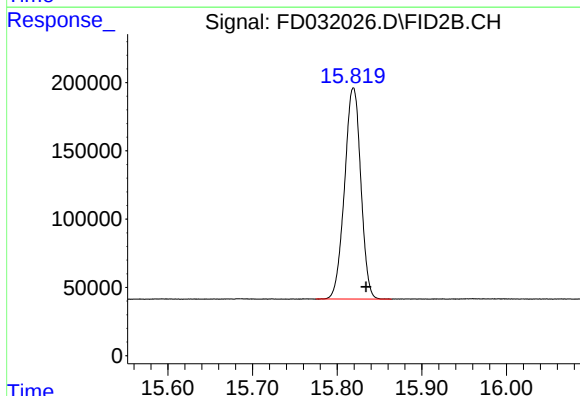
R.T.: 13.706 min  
Delta R.T.: -0.015 min  
Response: 2165559  
Conc: 16.83 ug/ml

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



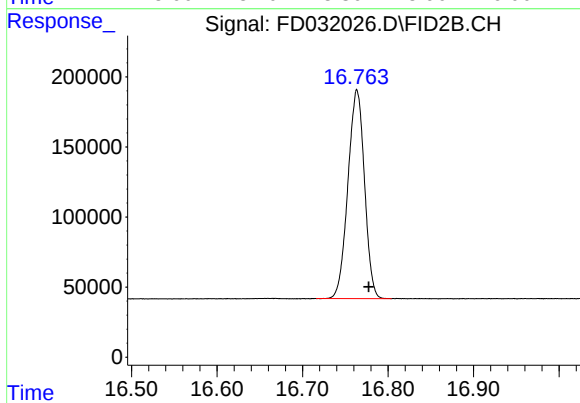
#14 n-Tetracosane (C24)

R.T.: 14.803 min  
Delta R.T.: -0.015 min  
Response: 2127933  
Conc: 16.39 ug/ml



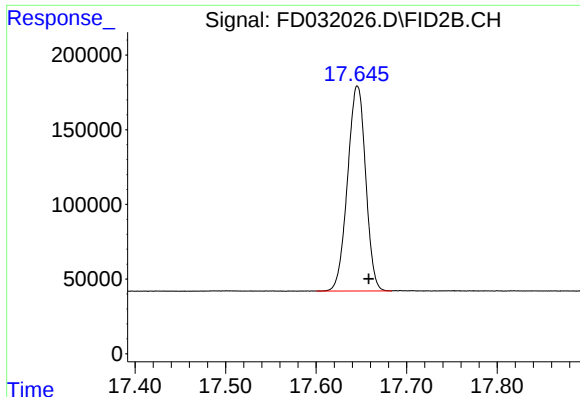
#15 n-Hexacosane (C26)

R.T.: 15.819 min  
Delta R.T.: -0.015 min  
Response: 2064878  
Conc: 16.02 ug/ml



#16 n-Octacosane (C28)

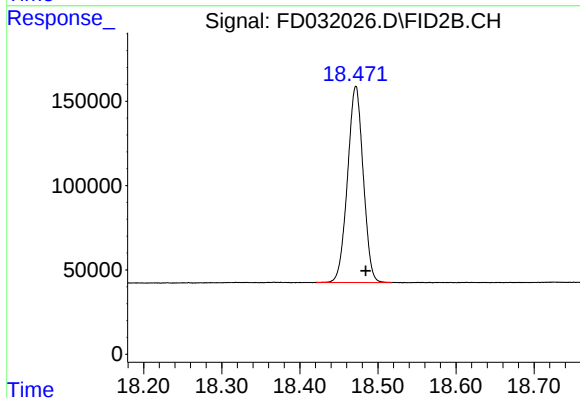
R.T.: 16.764 min  
Delta R.T.: -0.014 min  
Response: 2003256  
Conc: 15.72 ug/ml



#17 n-Tricontane (C30)

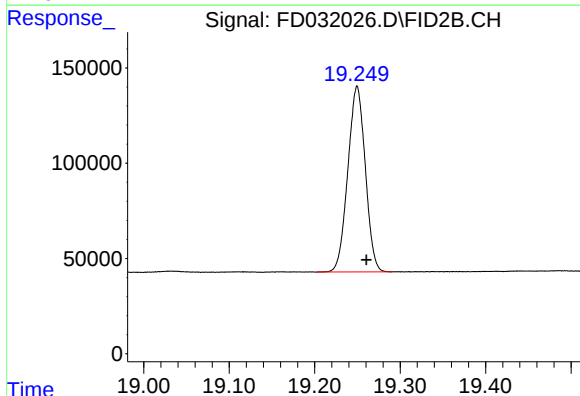
R.T.: 17.646 min  
Delta R.T.: -0.012 min  
Response: 1906449  
Conc: 15.55 ug/ml

Instrument :  
FID\_D  
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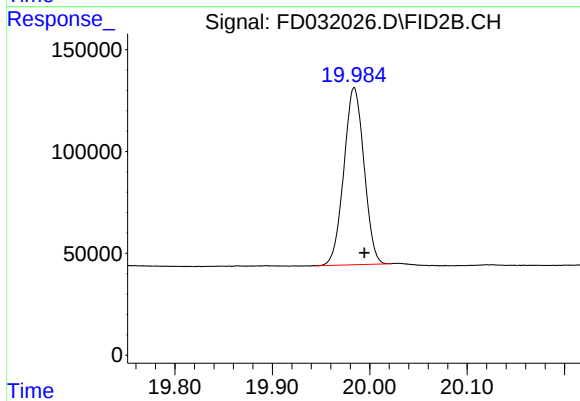
#18 n-Dotriacontane (C32)

R.T.: 18.472 min  
Delta R.T.: -0.013 min  
Response: 1623011  
Conc: 15.50 ug/ml



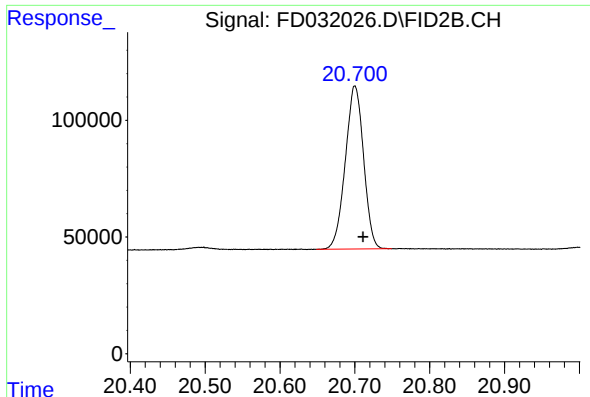
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min  
Delta R.T.: -0.011 min  
Response: 1383961  
Conc: 15.65 ug/ml



#20 n-Hexatriacontane (C36)

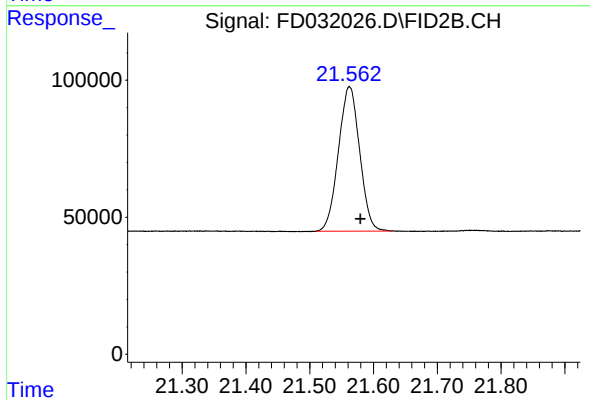
R.T.: 19.984 min  
Delta R.T.: -0.010 min  
Response: 1251325  
Conc: 15.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.700 min  
Delta R.T.: -0.011 min  
Response: 1185020  
Conc: 16.07 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.562 min  
Delta R.T.: -0.017 min  
Response: 1217778  
Conc: 16.09 ug/ml