

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051424AL\  
 Data File : FD047757.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 May 2024 13:21  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: May 15 05:29:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 051324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 13 13:08:23 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)    | 11.351 | 4609494    | 21.123 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.25%       |
| 12) S 1-chlorooctadecane (S... | 12.790 | 3472703    | 21.311 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.62%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.186  | 4011541    | 20.834 ug/ml |
| 2) T n-Decane (C10)            | 4.238  | 4150232    | 20.963 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.795  | 4588131    | 21.069 ug/ml |
| 4) T n-Dodecane (C12)          | 6.239  | 4192932    | 21.112 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.844  | 4434510    | 21.140 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.023  | 4145745    | 21.226 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.615  | 4282348    | 21.338 ug/ml |
| 8) T n-Octadecane (C18)        | 11.049 | 4343033    | 21.384 ug/ml |
| 10) T n-Eicosane (C20)         | 12.351 | 4173460    | 21.378 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.960 | 4087864    | 21.252 ug/ml |
| 13) T n-Docosane (C22)         | 13.543 | 4063068    | 21.352 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.641 | 4004677    | 21.300 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.657 | 3859117    | 21.304 ug/ml |
| 16) T n-Octacosane (C28)       | 16.602 | 3711938    | 21.299 ug/ml |
| 17) T n-Tricontane (C30)       | 17.484 | 3728692    | 21.367 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.312 | 3609920    | 21.202 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.091 | 3427524    | 21.253 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.828 | 3200567    | 20.937 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.527 | 3076165    | 20.921 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.334 | 2938725    | 20.721 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

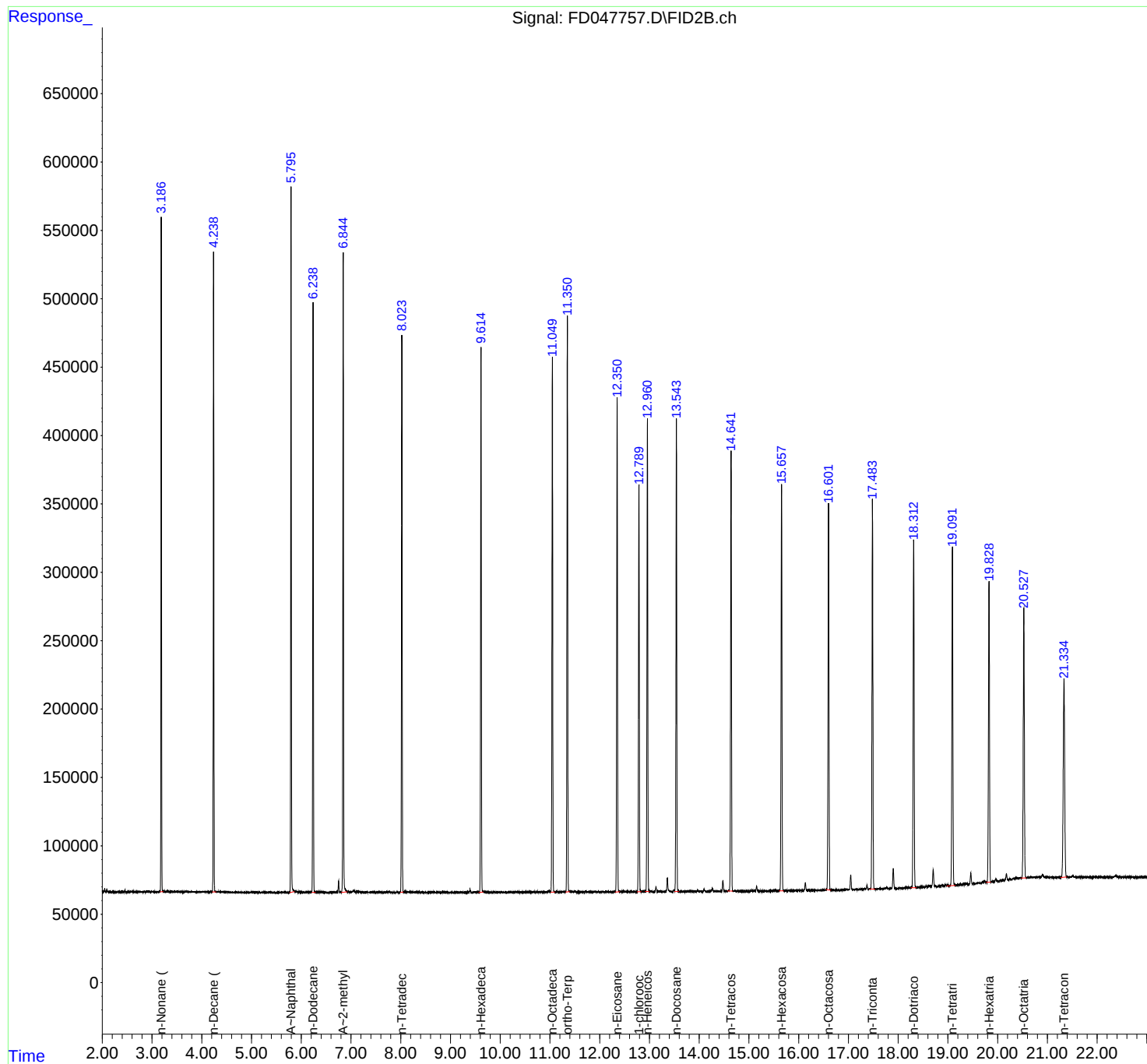
(m)=manual int.

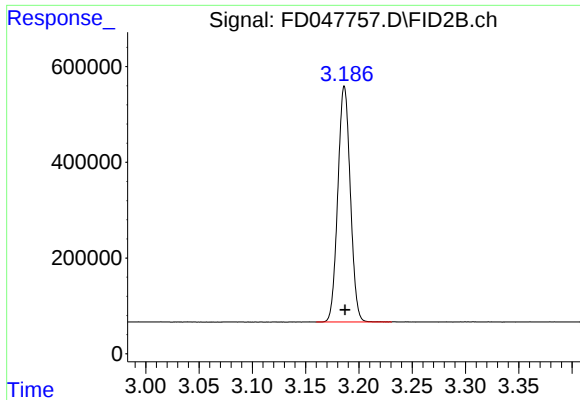
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051424AL\  
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Misc :  
ALS Vial : 56 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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

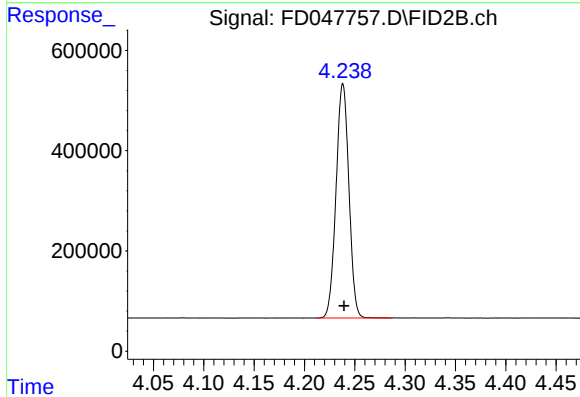




#1 n-Nonane (C9)

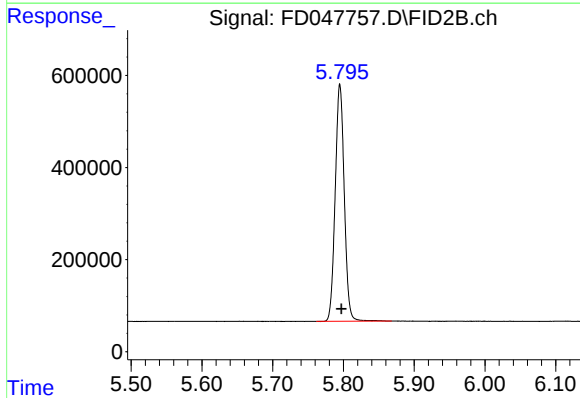
R.T.: 3.186 min  
Delta R.T.: 0.000 min  
Response: 4011541  
Conc: 20.83 ug/ml

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



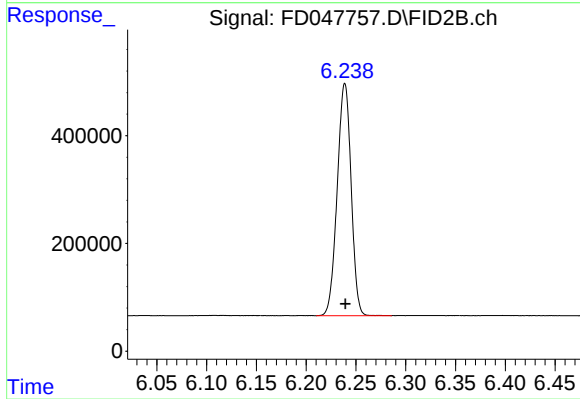
#2 n-Decane (C10)

R.T.: 4.238 min  
Delta R.T.: -0.001 min  
Response: 4150232  
Conc: 20.96 ug/ml



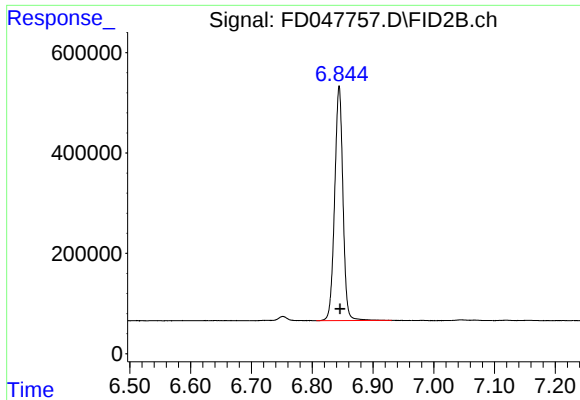
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min  
Delta R.T.: -0.002 min  
Response: 4588131  
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

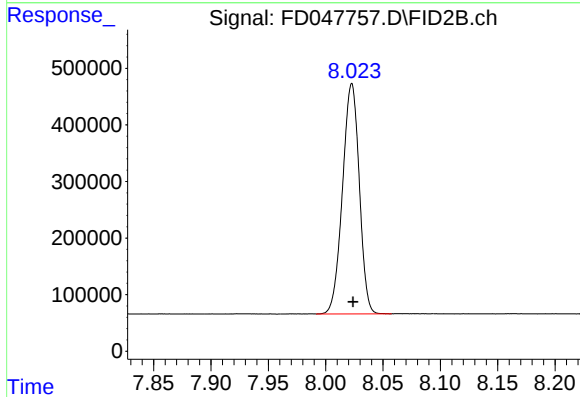
R.T.: 6.239 min  
Delta R.T.: 0.000 min  
Response: 4192932  
Conc: 21.11 ug/ml



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

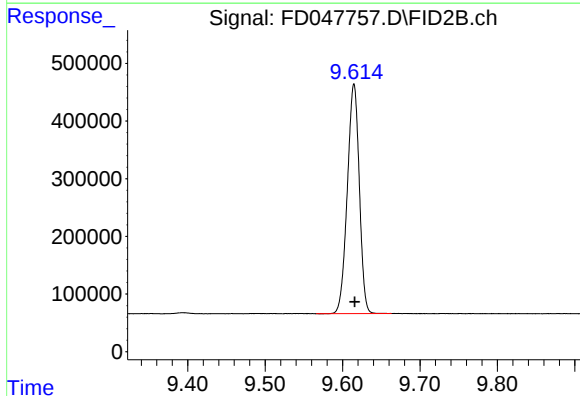
R.T.: 6.844 min  
Delta R.T.: -0.001 min  
Response: 4434510  
Conc: 21.14 ug/ml

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



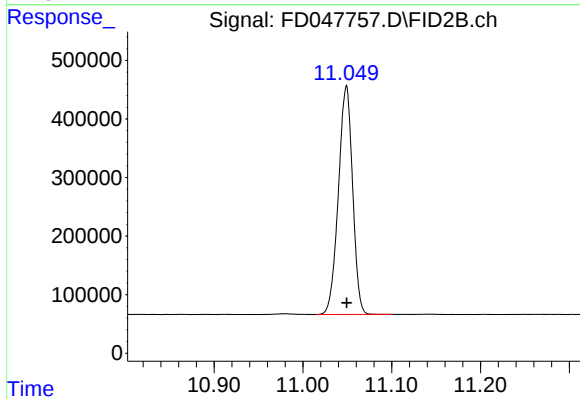
#6 n-Tetradecane (C14)

R.T.: 8.023 min  
Delta R.T.: -0.001 min  
Response: 4145745  
Conc: 21.23 ug/ml



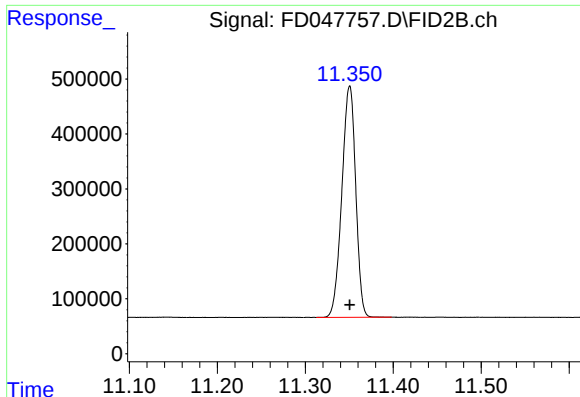
#7 n-Hexadecane (C16)

R.T.: 9.615 min  
Delta R.T.: 0.000 min  
Response: 4282348  
Conc: 21.34 ug/ml



#8 n-Octadecane (C18)

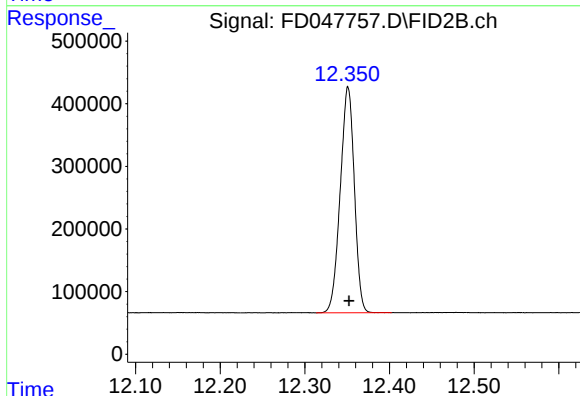
R.T.: 11.049 min  
Delta R.T.: 0.000 min  
Response: 4343033  
Conc: 21.38 ug/ml



#9 ortho-Terphenyl (SURR)

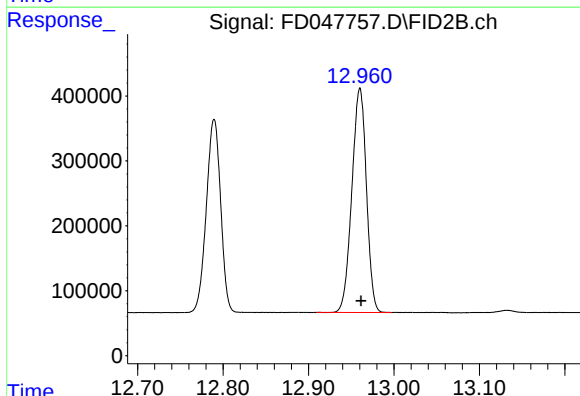
R.T.: 11.351 min  
Delta R.T.: 0.000 min  
Response: 4609494  
Conc: 21.12 ug/ml

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



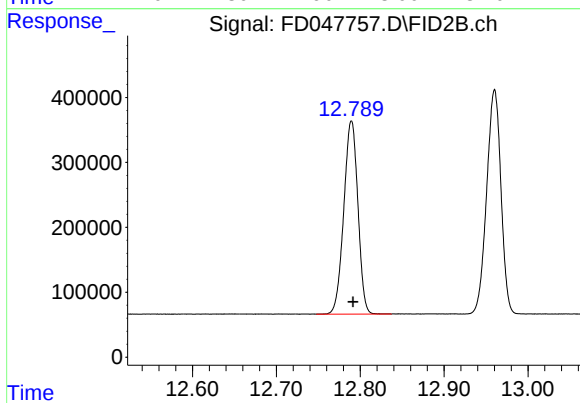
#10 n-Eicosane (C20)

R.T.: 12.351 min  
Delta R.T.: 0.000 min  
Response: 4173460  
Conc: 21.38 ug/ml



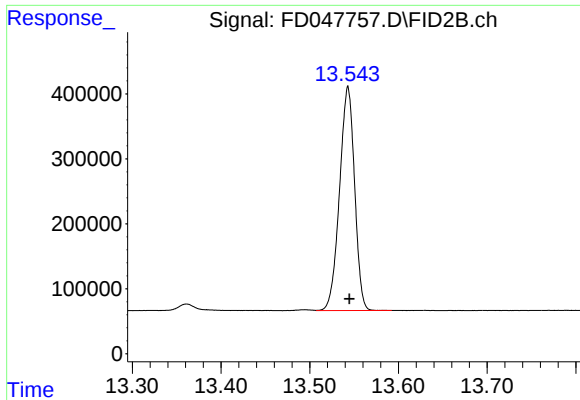
#11 n-Heneicosane (C21)

R.T.: 12.960 min  
Delta R.T.: -0.001 min  
Response: 4087864  
Conc: 21.25 ug/ml



#12 1-chlorooctadecane (SURR)

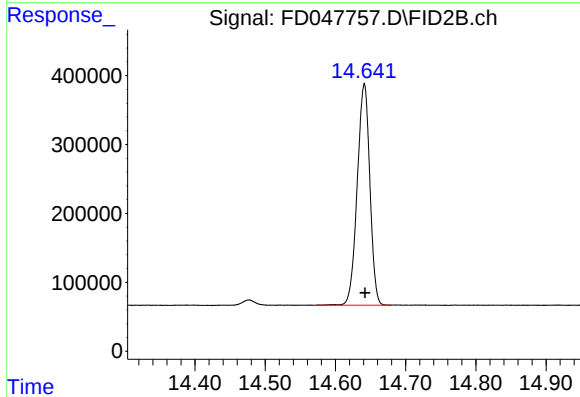
R.T.: 12.790 min  
Delta R.T.: -0.002 min  
Response: 3472703  
Conc: 21.31 ug/ml



#13 n-Docosane (C22)

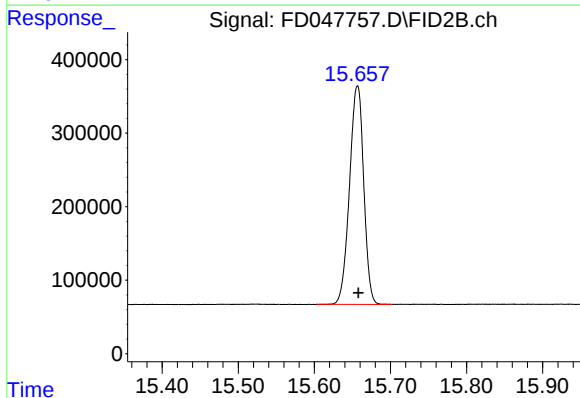
R.T.: 13.543 min  
Delta R.T.: -0.002 min  
Response: 4063068  
Conc: 21.35 ug/ml

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



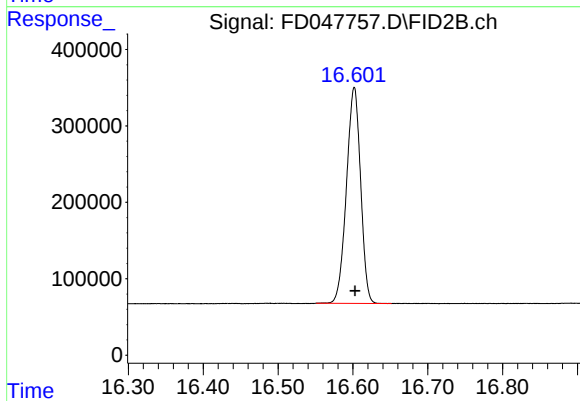
#14 n-Tetracosane (C24)

R.T.: 14.641 min  
Delta R.T.: 0.000 min  
Response: 4004677  
Conc: 21.30 ug/ml



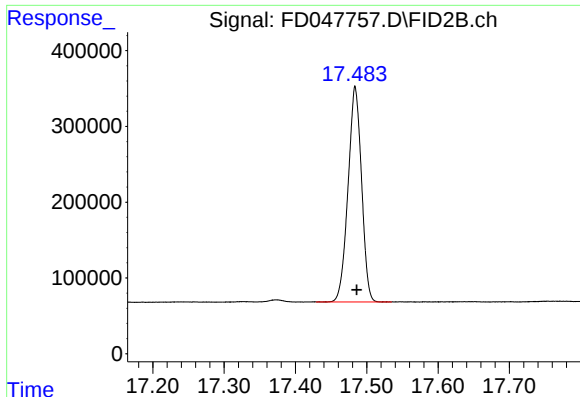
#15 n-Hexacosane (C26)

R.T.: 15.657 min  
Delta R.T.: -0.001 min  
Response: 3859117  
Conc: 21.30 ug/ml



#16 n-Octacosane (C28)

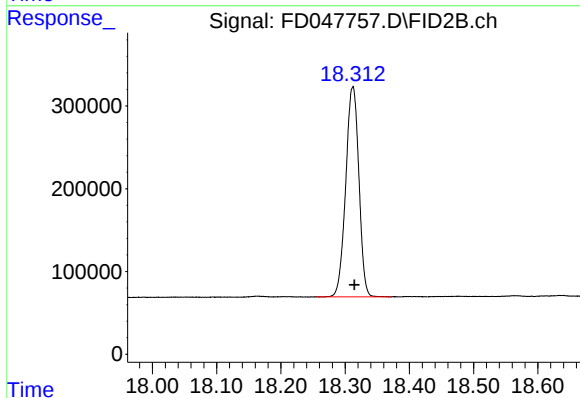
R.T.: 16.602 min  
Delta R.T.: -0.001 min  
Response: 3711938  
Conc: 21.30 ug/ml



#17 n-Tricontane (C30)

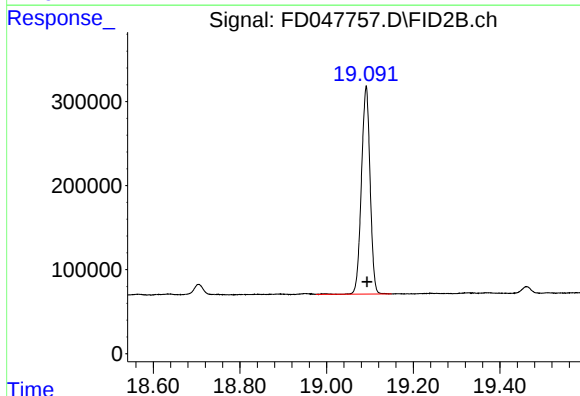
R.T.: 17.484 min  
Delta R.T.: -0.002 min  
Response: 3728692  
Conc: 21.37 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD



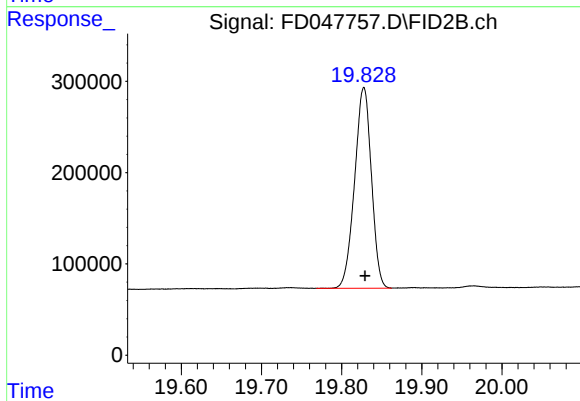
#18 n-Dotriacontane (C32)

R.T.: 18.312 min  
Delta R.T.: -0.003 min  
Response: 3609920  
Conc: 21.20 ug/ml



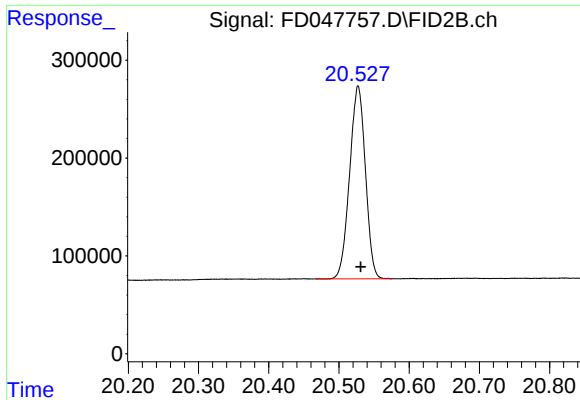
#19 n-Tetratriacontane (C34)

R.T.: 19.091 min  
Delta R.T.: -0.002 min  
Response: 3427524  
Conc: 21.25 ug/ml



#20 n-Hexatriacontane (C36)

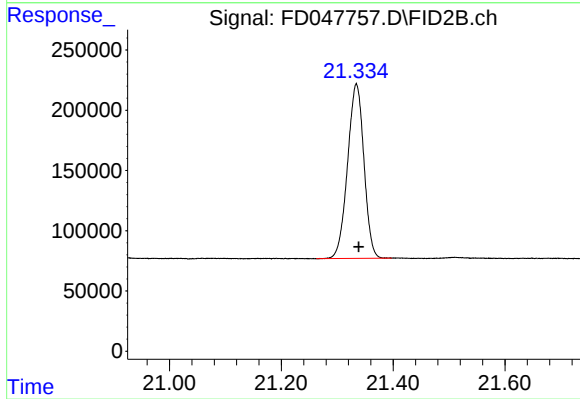
R.T.: 19.828 min  
Delta R.T.: -0.002 min  
Response: 3200567  
Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.527 min  
Delta R.T.: -0.004 min  
Response: 3076165  
Conc: 20.92 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.334 min  
Delta R.T.: -0.005 min  
Response: 2938725  
Conc: 20.72 ug/ml