

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041925AL\  
 Data File : FE053409.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Apr 2025 09:25  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 19 03:48:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 16 18:29:18 2025  
 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)    | 11.877 | 3497617    | 19.392 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.78%       |
| 12) S 1-chlorooctadecane (S... | 13.322 | 2575453    | 19.053 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.11%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.226  | 2746332    | 20.031 ug/ml |
| 2) T n-Decane (C10)            | 4.487  | 2777331    | 20.077 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.198  | 3055367    | 20.242 ug/ml |
| 4) T n-Dodecane (C12)          | 6.666  | 2812380    | 20.053 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.300  | 3046822    | 20.407 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.502  | 2793012    | 19.909 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.115 | 2817904    | 19.661 ug/ml |
| 8) T n-Octadecane (C18)        | 11.563 | 2819025    | 19.344 ug/ml |
| 10) T n-Eicosane (C20)         | 12.876 | 2779581    | 19.102 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.490 | 2758193    | 19.042 ug/ml |
| 13) T n-Docosane (C22)         | 14.078 | 2731124    | 18.926 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.183 | 2690650    | 18.732 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.207 | 2634291    | 18.600 ug/ml |
| 16) T n-Octacosane (C28)       | 17.159 | 2576304    | 18.518 ug/ml |
| 17) T n-Tricontane (C30)       | 18.047 | 2570916    | 18.470 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.881 | 2487276    | 18.115 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.667 | 2422603    | 18.593 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.408 | 2406223    | 19.060 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.143 | 2361777    | 19.386 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.051 | 2407673    | 20.161 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

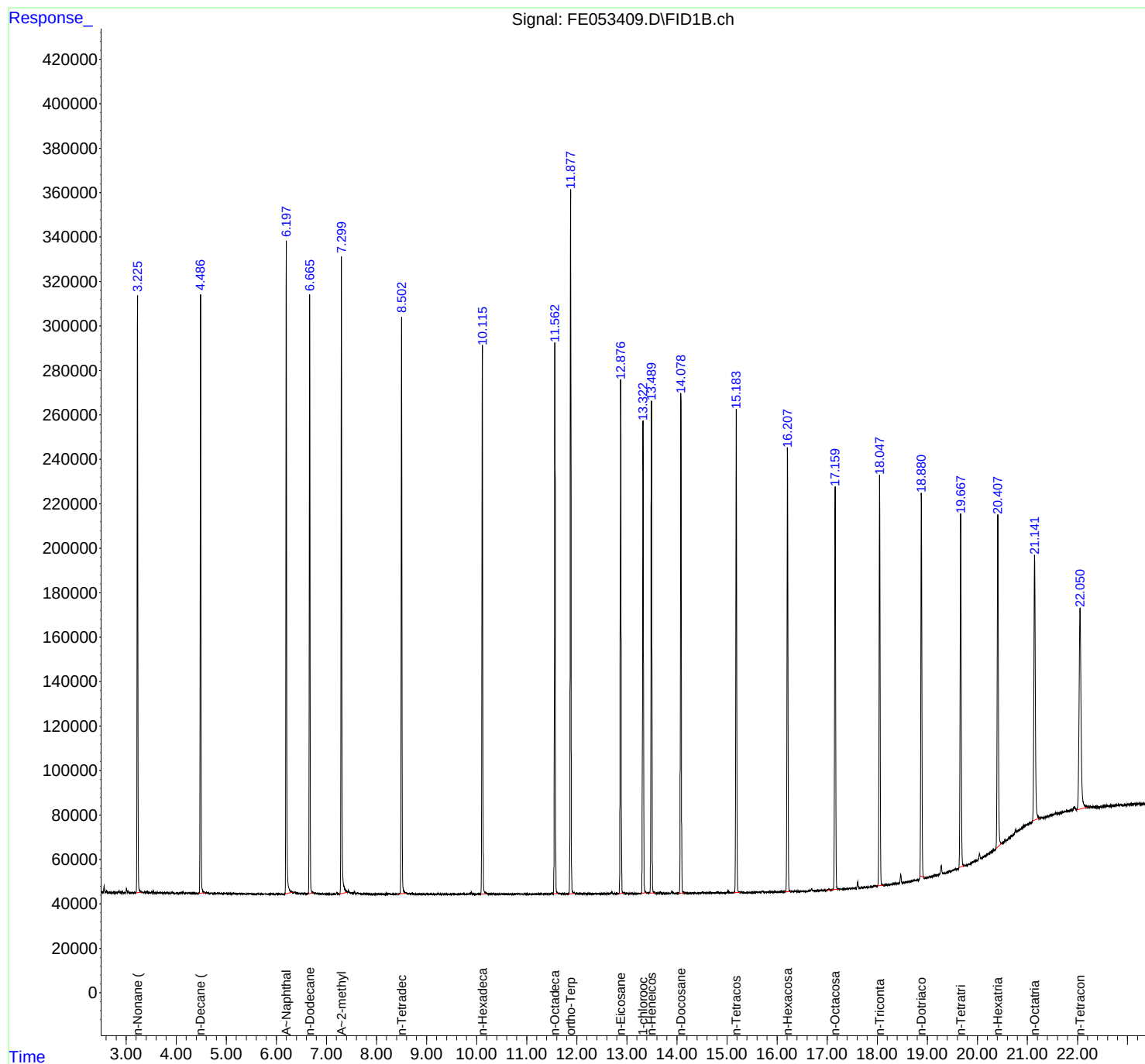
(m)=manual int.

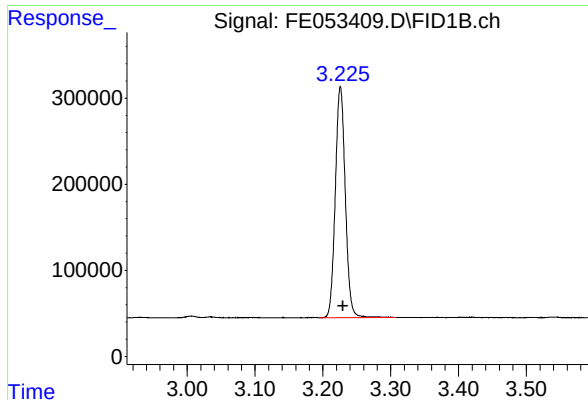
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041925AL\  
Data File : FE053409.D  
Signal(s) : FID1B.ch  
Acq On : 18 Apr 2025 09:25  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Apr 19 03:48:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 16 18:29:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

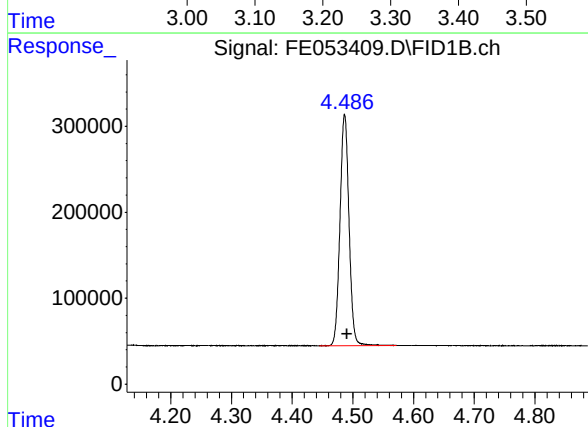




#1 n-Nonane (C9)

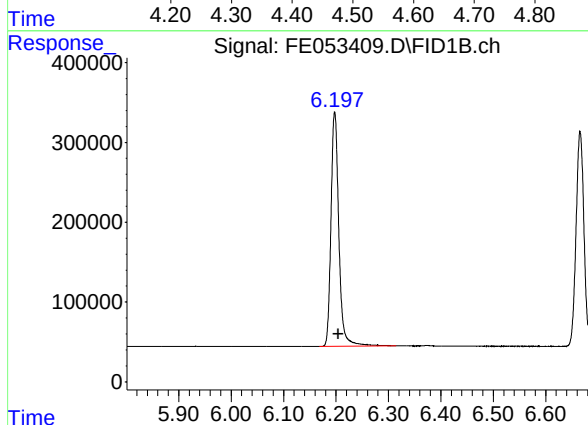
R.T.: 3.226 min  
Delta R.T.: -0.004 min  
Response: 2746332  
Conc: 20.03 ug/ml

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



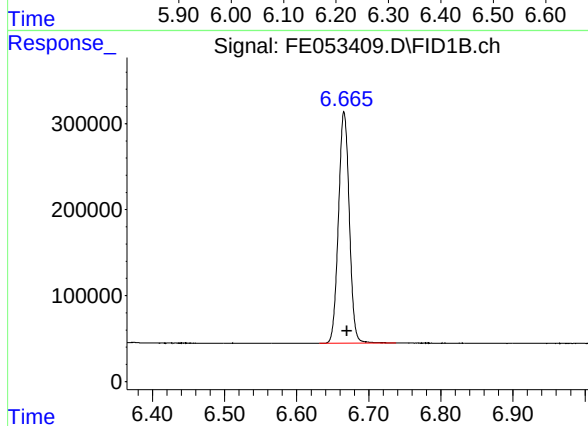
#2 n-Decane (C10)

R.T.: 4.487 min  
Delta R.T.: -0.004 min  
Response: 2777331  
Conc: 20.08 ug/ml



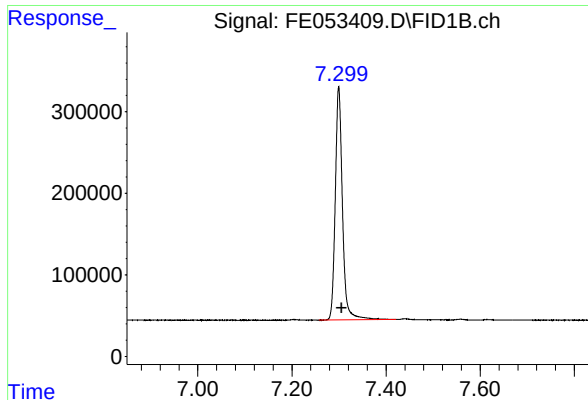
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min  
Delta R.T.: -0.006 min  
Response: 3055367  
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

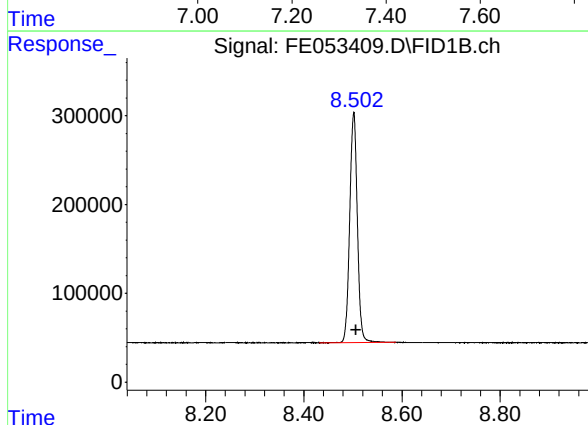
R.T.: 6.666 min  
Delta R.T.: -0.004 min  
Response: 2812380  
Conc: 20.05 ug/ml



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

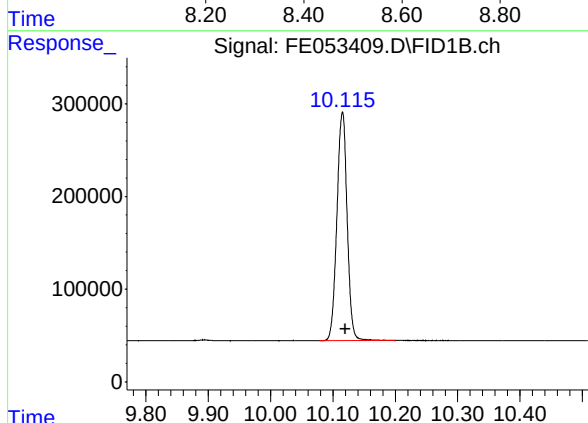
R.T.: 7.300 min  
Delta R.T.: -0.006 min  
Response: 3046822  
Conc: 20.41 ug/ml

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



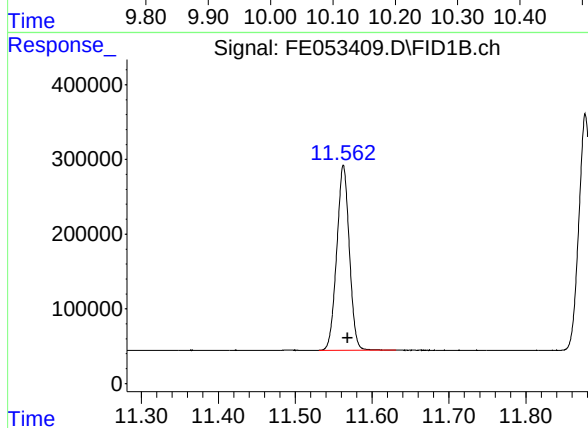
#6 n-Tetradecane (C14)

R.T.: 8.502 min  
Delta R.T.: -0.004 min  
Response: 2793012  
Conc: 19.91 ug/ml



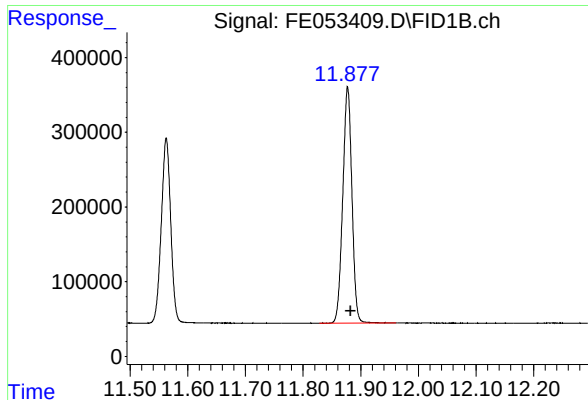
#7 n-Hexadecane (C16)

R.T.: 10.115 min  
Delta R.T.: -0.005 min  
Response: 2817904  
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

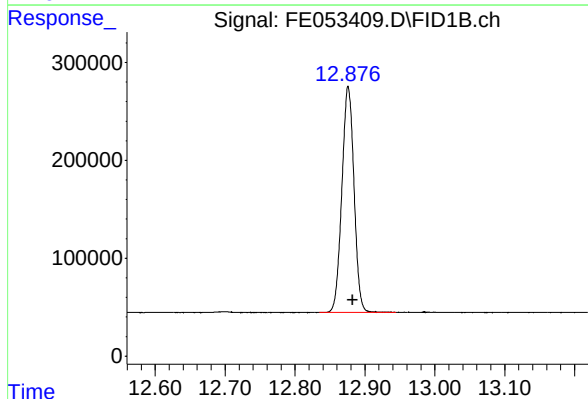
R.T.: 11.563 min  
Delta R.T.: -0.006 min  
Response: 2819025  
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

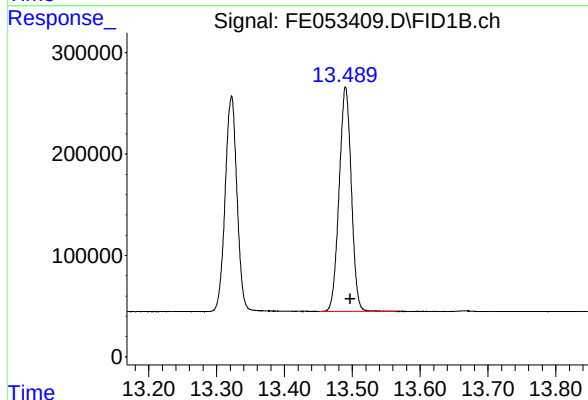
R.T.: 11.877 min  
Delta R.T.: -0.005 min  
Response: 3497617  
Conc: 19.39 ug/ml

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



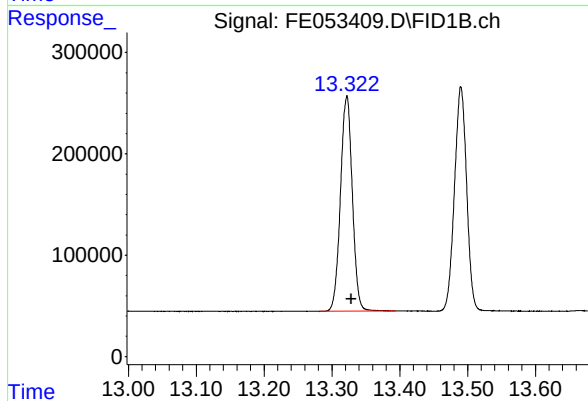
#10 n-Eicosane (C20)

R.T.: 12.876 min  
Delta R.T.: -0.006 min  
Response: 2779581  
Conc: 19.10 ug/ml



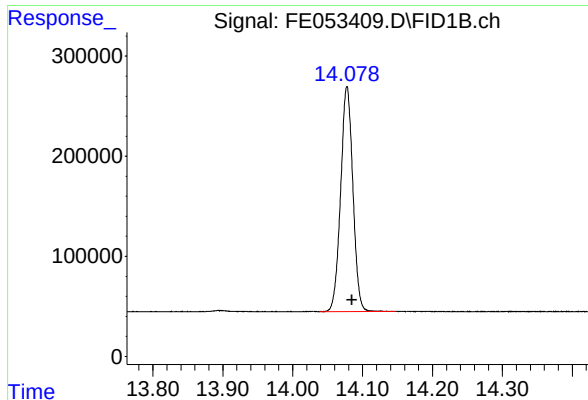
#11 n-Heneicosane (C21)

R.T.: 13.490 min  
Delta R.T.: -0.007 min  
Response: 2758193  
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

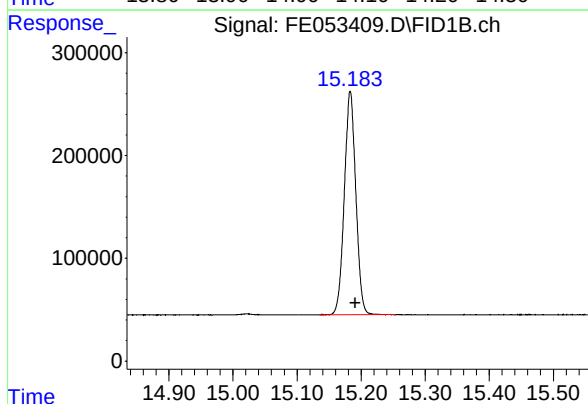
R.T.: 13.322 min  
Delta R.T.: -0.007 min  
Response: 2575453  
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

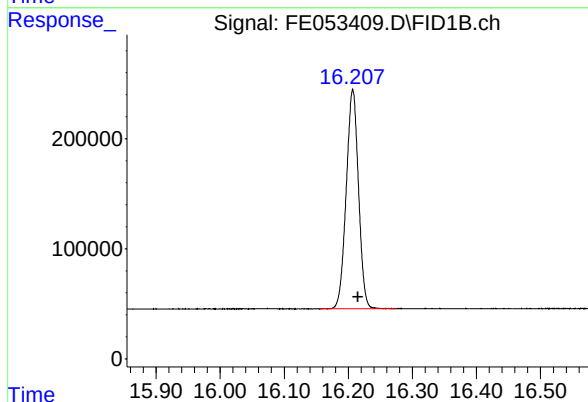
R.T.: 14.078 min  
Delta R.T.: -0.007 min  
Response: 2731124  
Conc: 18.93 ug/ml

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



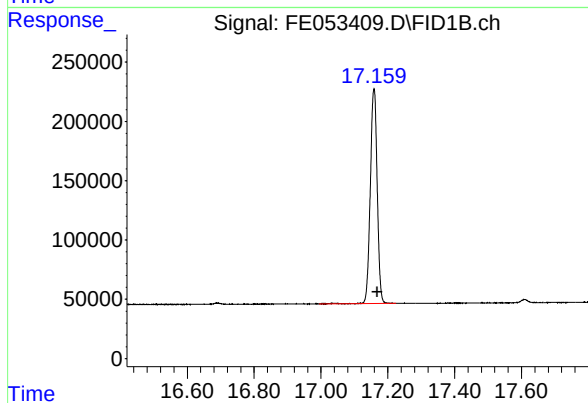
#14 n-Tetracosane (C24)

R.T.: 15.183 min  
Delta R.T.: -0.008 min  
Response: 2690650  
Conc: 18.73 ug/ml



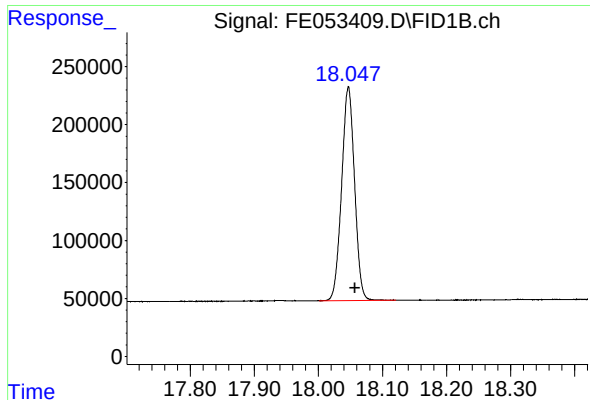
#15 n-Hexacosane (C26)

R.T.: 16.207 min  
Delta R.T.: -0.009 min  
Response: 2634291  
Conc: 18.60 ug/ml



#16 n-Octacosane (C28)

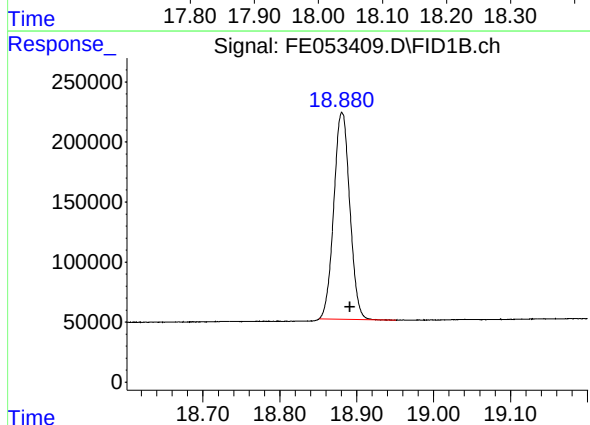
R.T.: 17.159 min  
Delta R.T.: -0.010 min  
Response: 2576304  
Conc: 18.52 ug/ml



#17 n-Tricontane (C30)

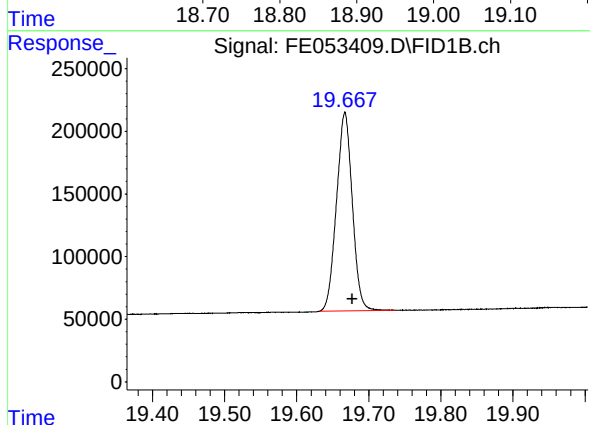
R.T.: 18.047 min  
Delta R.T.: -0.010 min  
Response: 2570916  
Conc: 18.47 ug/ml

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



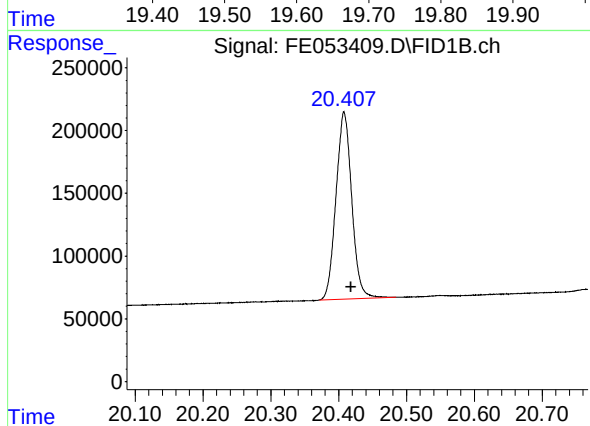
#18 n-Dotriacontane (C32)

R.T.: 18.881 min  
Delta R.T.: -0.011 min  
Response: 2487276  
Conc: 18.11 ug/ml



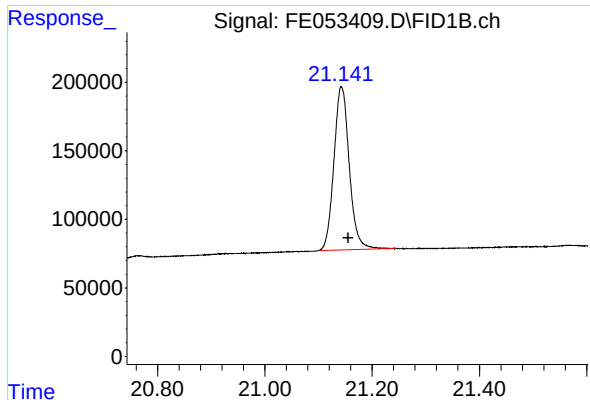
#19 n-Tetatriacontane (C34)

R.T.: 19.667 min  
Delta R.T.: -0.011 min  
Response: 2422603  
Conc: 18.59 ug/ml



#20 n-Hexatriacontane (C36)

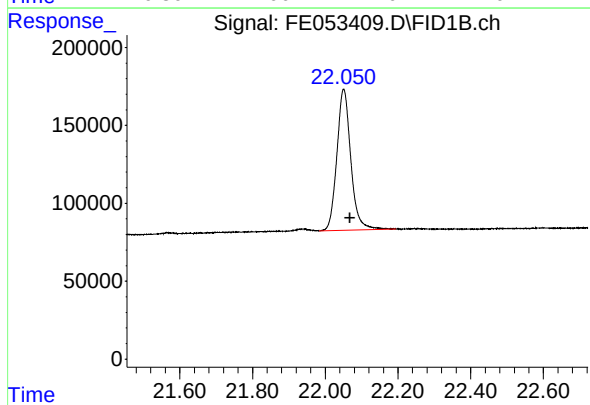
R.T.: 20.408 min  
Delta R.T.: -0.010 min  
Response: 2406223  
Conc: 19.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min  
Delta R.T.: -0.012 min  
Response: 2361777  
Conc: 19.39 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.051 min  
Delta R.T.: -0.018 min  
Response: 2407673  
Conc: 20.16 ug/ml