

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121025AL\  
 Data File : FE057296.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Dec 2025 00:14  
 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: Dec 11 04:03:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 112725.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 01 08:04:59 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)    | 11.931 | 4325461    | 19.711 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.42%       |
| 12) S 1-chlorooctadecane (S... | 13.369 | 3271720    | 19.659 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.288  | 3742628    | 19.133 ug/ml |
| 2) T n-Decane (C10)            | 4.540  | 3985922    | 19.707 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.260  | 3947827    | 19.609 ug/ml |
| 4) T n-Dodecane (C12)          | 6.714  | 4049173    | 19.840 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.360  | 3705181    | 19.283 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.548  | 4001750    | 19.882 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.160 | 4059707    | 19.796 ug/ml |
| 8) T n-Octadecane (C18)        | 11.608 | 4079619    | 19.793 ug/ml |
| 10) T n-Eicosane (C20)         | 12.920 | 3847017    | 19.557 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.534 | 3760872    | 19.575 ug/ml |
| 13) T n-Docosane (C22)         | 14.122 | 3724020    | 19.291 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.228 | 3689658    | 18.629 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.251 | 3629835    | 18.296 ug/ml |
| 16) T n-Octacosane (C28)       | 17.204 | 3643918    | 17.732 ug/ml |
| 17) T n-Tricontane (C30)       | 18.094 | 3812774    | 16.989 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.930 | 3833812    | 16.423 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.716 | 3613623    | 16.919 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.457 | 3272062    | 17.579 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.204 | 3118679    | 17.995 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.131 | 3081356    | 18.285 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

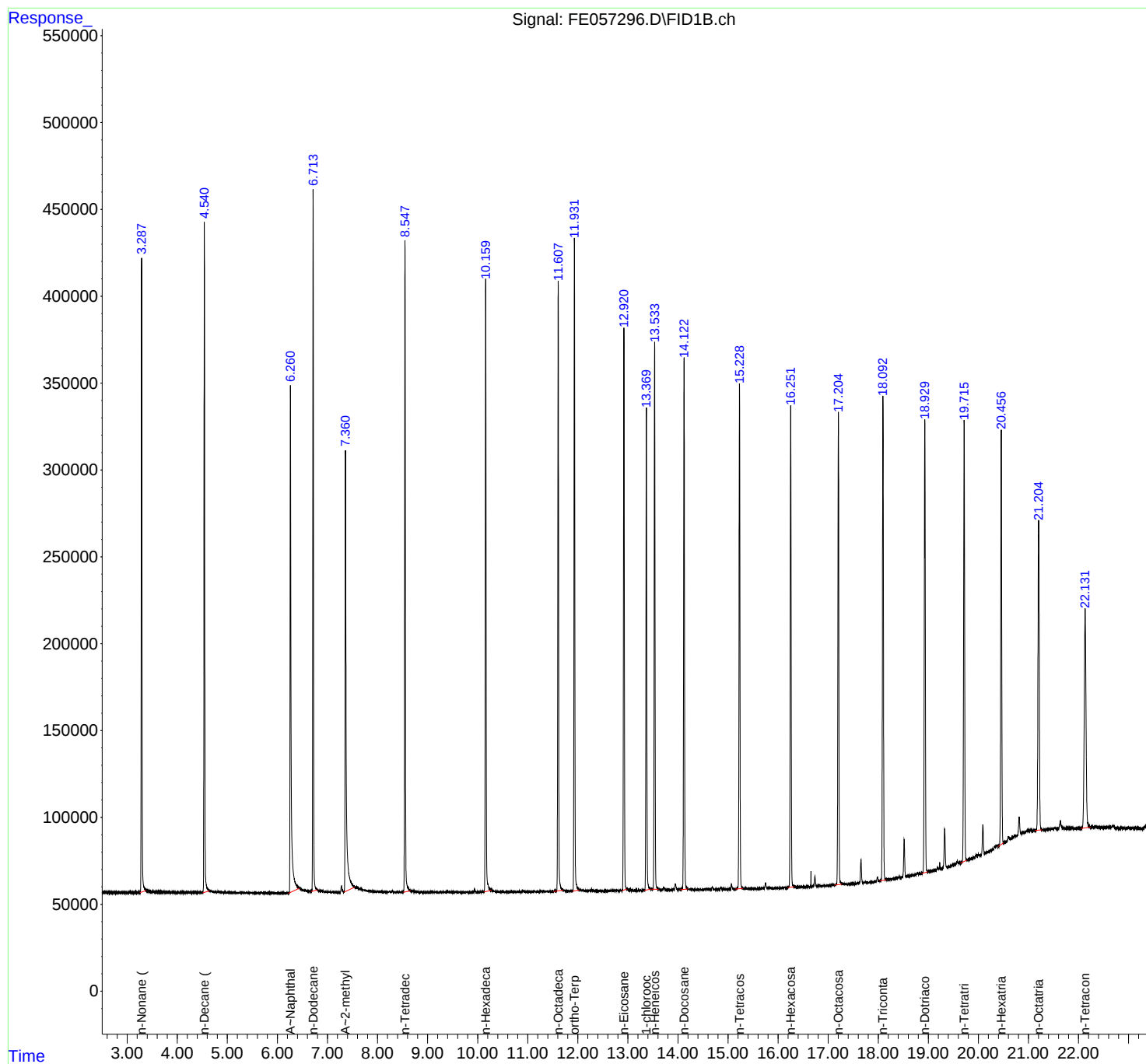
(m)=manual int.

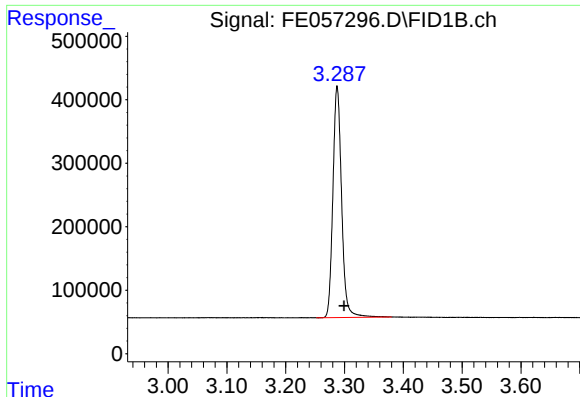
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121025AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

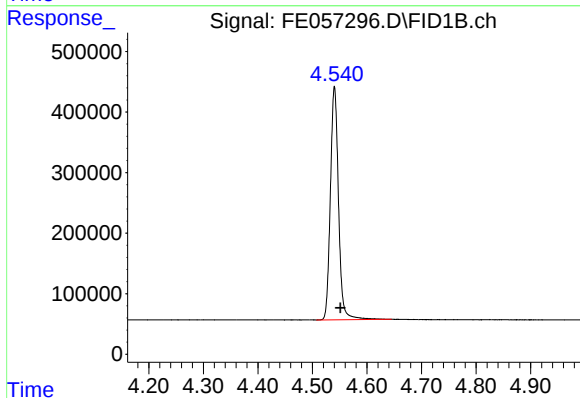




#1 n-Nonane (C9)

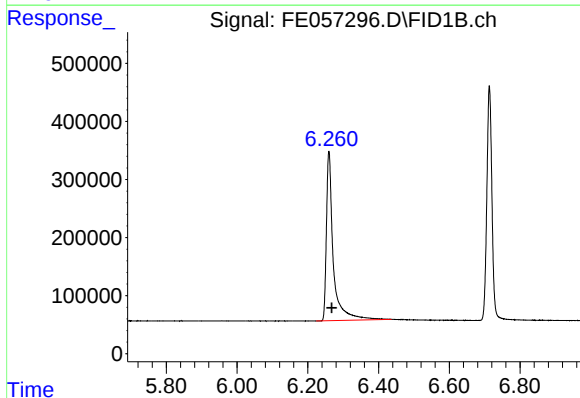
R.T.: 3.288 min  
Delta R.T.: -0.011 min  
Response: 3742628  
Conc: 19.13 ug/ml

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



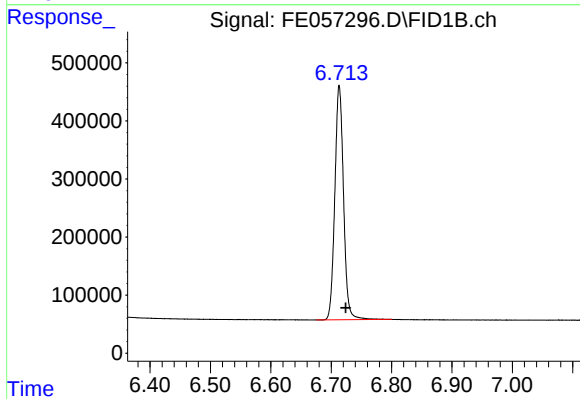
#2 n-Decane (C10)

R.T.: 4.540 min  
Delta R.T.: -0.011 min  
Response: 3985922  
Conc: 19.71 ug/ml



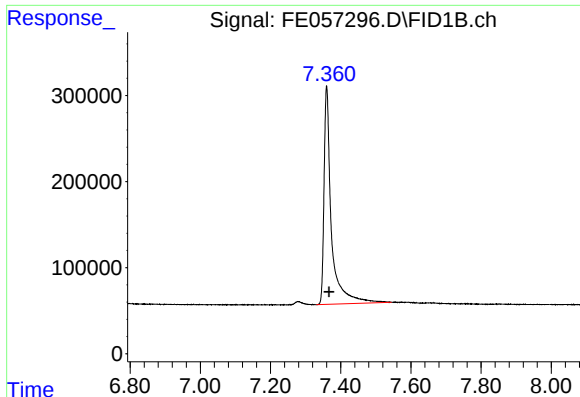
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min  
Delta R.T.: -0.008 min  
Response: 3947827  
Conc: 19.61 ug/ml



#4 n-Dodecane (C12)

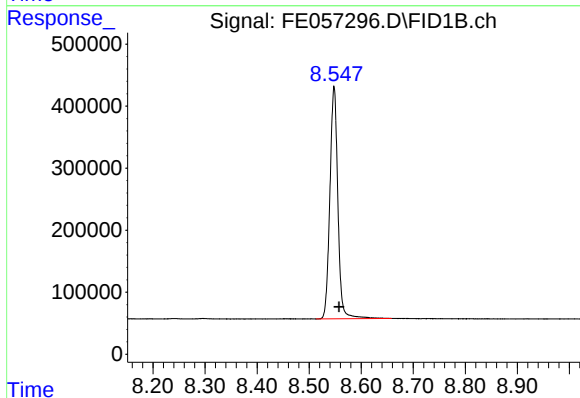
R.T.: 6.714 min  
Delta R.T.: -0.011 min  
Response: 4049173  
Conc: 19.84 ug/ml



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

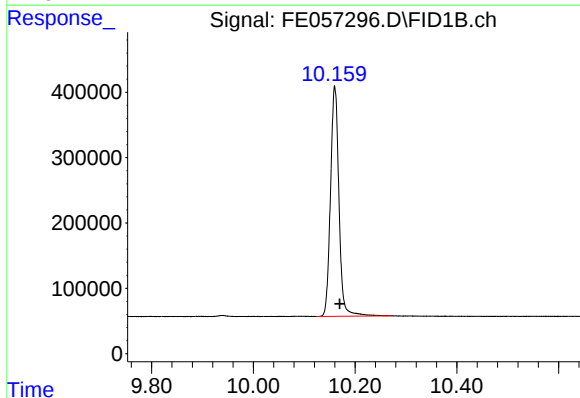
R.T.: 7.360 min  
Delta R.T.: -0.007 min  
Response: 3705181  
Conc: 19.28 ug/ml

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



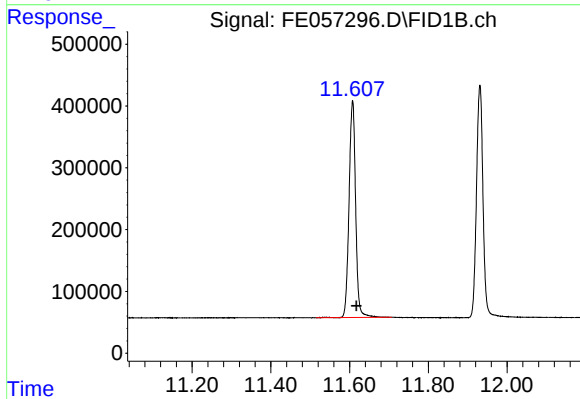
#6 n-Tetradecane (C14)

R.T.: 8.548 min  
Delta R.T.: -0.010 min  
Response: 4001750  
Conc: 19.88 ug/ml



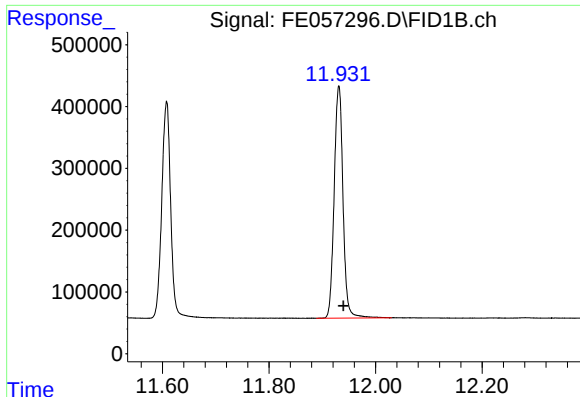
#7 n-Hexadecane (C16)

R.T.: 10.160 min  
Delta R.T.: -0.010 min  
Response: 4059707  
Conc: 19.80 ug/ml



#8 n-Octadecane (C18)

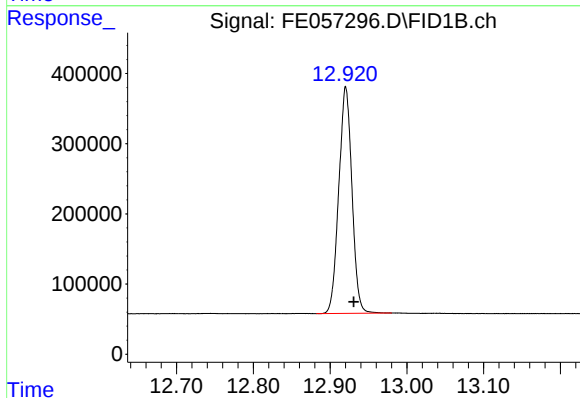
R.T.: 11.608 min  
Delta R.T.: -0.009 min  
Response: 4079619  
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

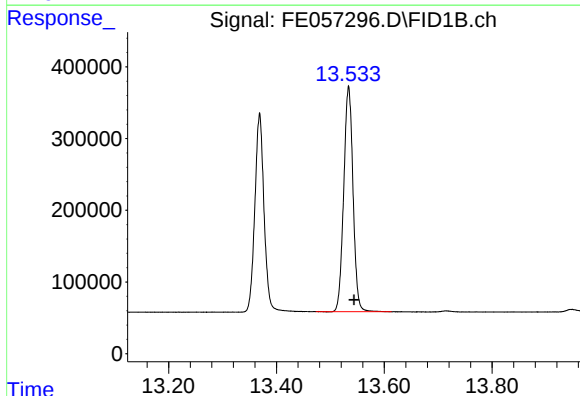
R.T.: 11.931 min  
Delta R.T.: -0.009 min  
Response: 4325461  
Conc: 19.71 ug/ml

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



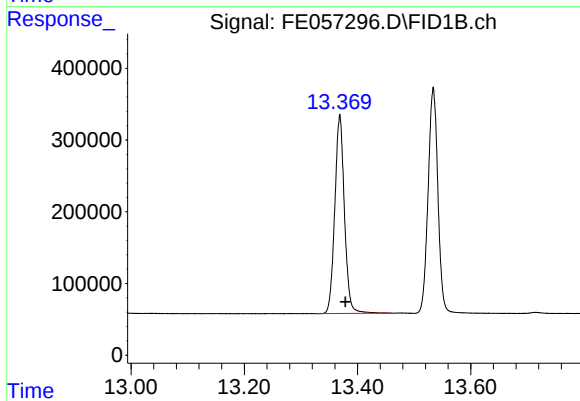
#10 n-Eicosane (C20)

R.T.: 12.920 min  
Delta R.T.: -0.010 min  
Response: 3847017  
Conc: 19.56 ug/ml



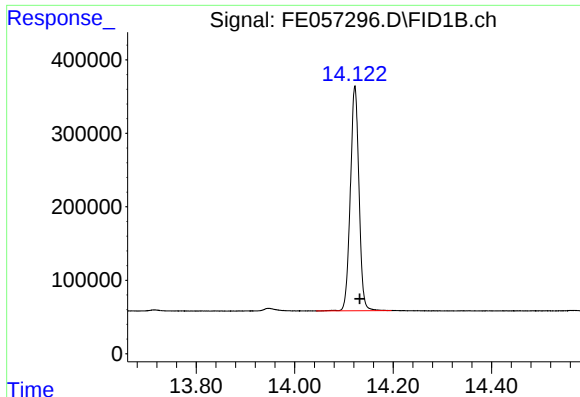
#11 n-Heneicosane (C21)

R.T.: 13.534 min  
Delta R.T.: -0.010 min  
Response: 3760872  
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

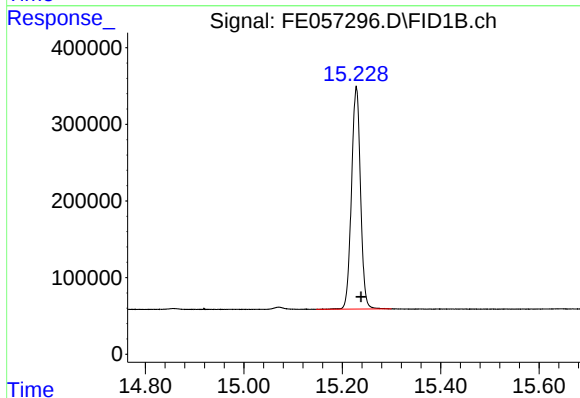
R.T.: 13.369 min  
Delta R.T.: -0.010 min  
Response: 3271720  
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

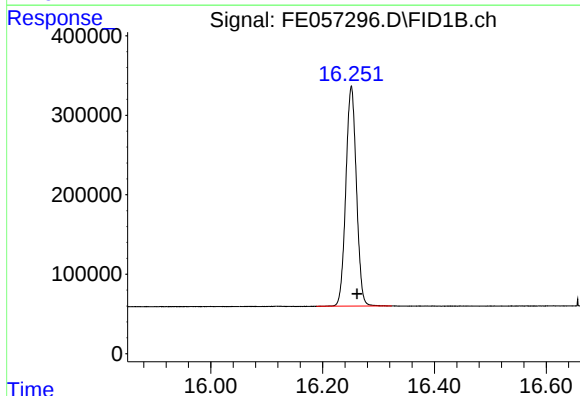
R.T.: 14.122 min  
Delta R.T.: -0.010 min  
Response: 3724020  
Conc: 19.29 ug/ml

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



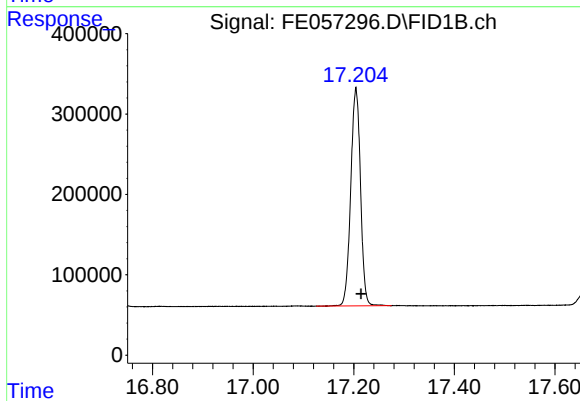
#14 n-Tetracosane (C24)

R.T.: 15.228 min  
Delta R.T.: -0.010 min  
Response: 3689658  
Conc: 18.63 ug/ml



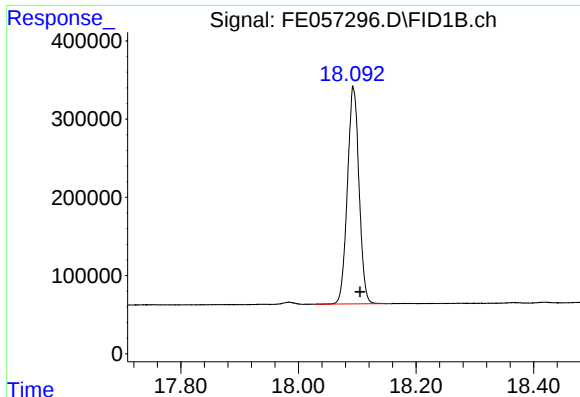
#15 n-Hexacosane (C26)

R.T.: 16.251 min  
Delta R.T.: -0.010 min  
Response: 3629835  
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

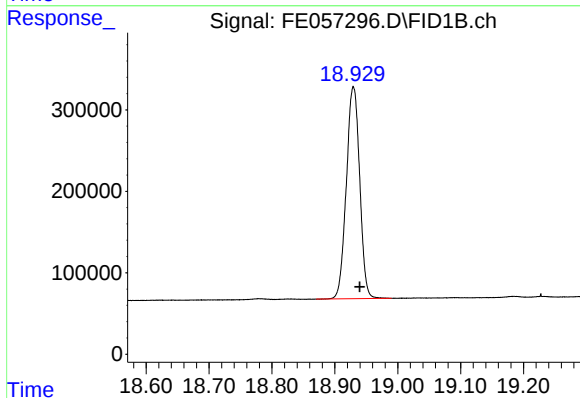
R.T.: 17.204 min  
Delta R.T.: -0.010 min  
Response: 3643918  
Conc: 17.73 ug/ml



#17 n-Tricontane (C30)

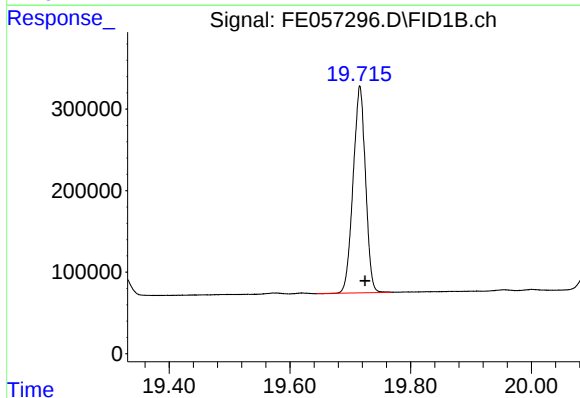
R.T.: 18.094 min  
Delta R.T.: -0.011 min  
Response: 3812774  
Conc: 16.99 ug/ml

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



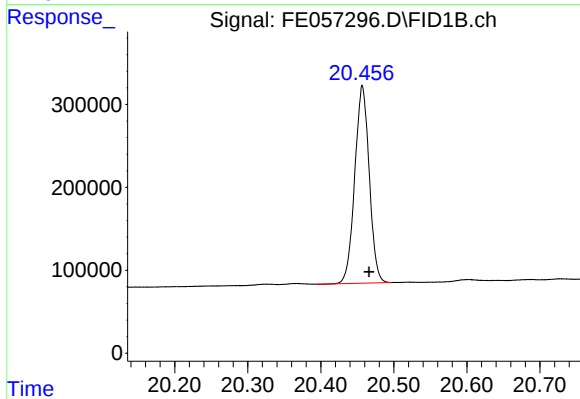
#18 n-Dotriacontane (C32)

R.T.: 18.930 min  
Delta R.T.: -0.010 min  
Response: 3833812  
Conc: 16.42 ug/ml



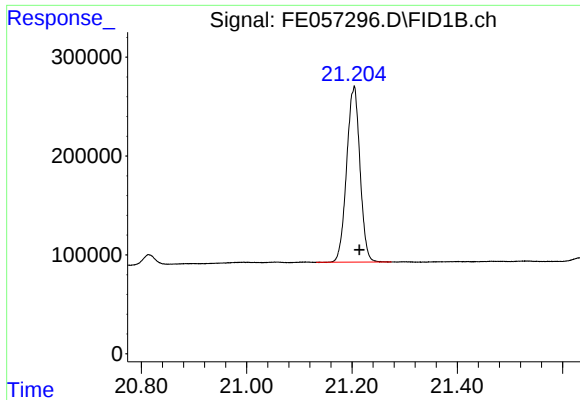
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min  
Delta R.T.: -0.009 min  
Response: 3613623  
Conc: 16.92 ug/ml



#20 n-Hexatriacontane (C36)

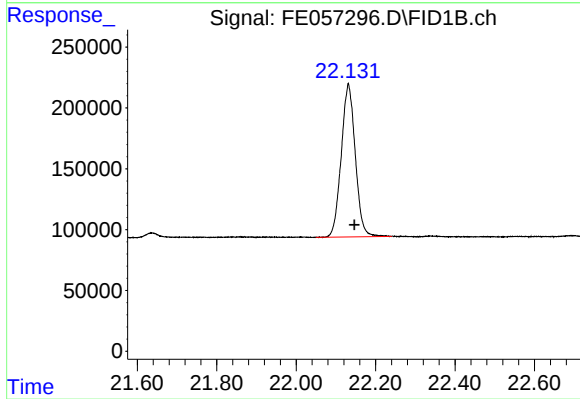
R.T.: 20.457 min  
Delta R.T.: -0.009 min  
Response: 3272062  
Conc: 17.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min  
Delta R.T.: -0.010 min  
Response: 3118679  
Conc: 18.00 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.131 min  
Delta R.T.: -0.015 min  
Response: 3081356  
Conc: 18.29 ug/ml