

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082125AL\  
 Data File : FE055426.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Aug 2025 13:43  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: sample.E  
 Quant Time: Aug 22 01:17:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 13:47:09 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)    | 12.083 | 2988372    | 20.926 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.85%       |
| 12) S 1-chlorooctadecane (S... | 13.519 | 2329249    | 21.663 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.33%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.418  | 2341921    | 20.405 ug/ml |
| 2) T n-Decane (C10)            | 4.676  | 2376934    | 20.404 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.397  | 2757546    | 20.543 ug/ml |
| 4) T n-Dodecane (C12)          | 6.852  | 2451423    | 20.586 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.498  | 2702659    | 20.729 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.690  | 2494986    | 20.349 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.305 | 2609028    | 20.408 ug/ml |
| 8) T n-Octadecane (C18)        | 11.756 | 2693549    | 20.644 ug/ml |
| 10) T n-Eicosane (C20)         | 13.071 | 2631772    | 20.975 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.686 | 2607165    | 21.150 ug/ml |
| 13) T n-Docosane (C22)         | 14.274 | 2606755    | 21.346 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.380 | 2592219    | 21.312 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.405 | 2536513    | 21.200 ug/ml |
| 16) T n-Octacosane (C28)       | 17.357 | 2507547    | 21.139 ug/ml |
| 17) T n-Tricontane (C30)       | 18.247 | 2784248    | 22.627 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.081 | 3491907    | 28.620 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.868 | 5974407    | 51.099 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.608 | 7907658    | 72.349 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.388 | 5343737    | 49.447 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

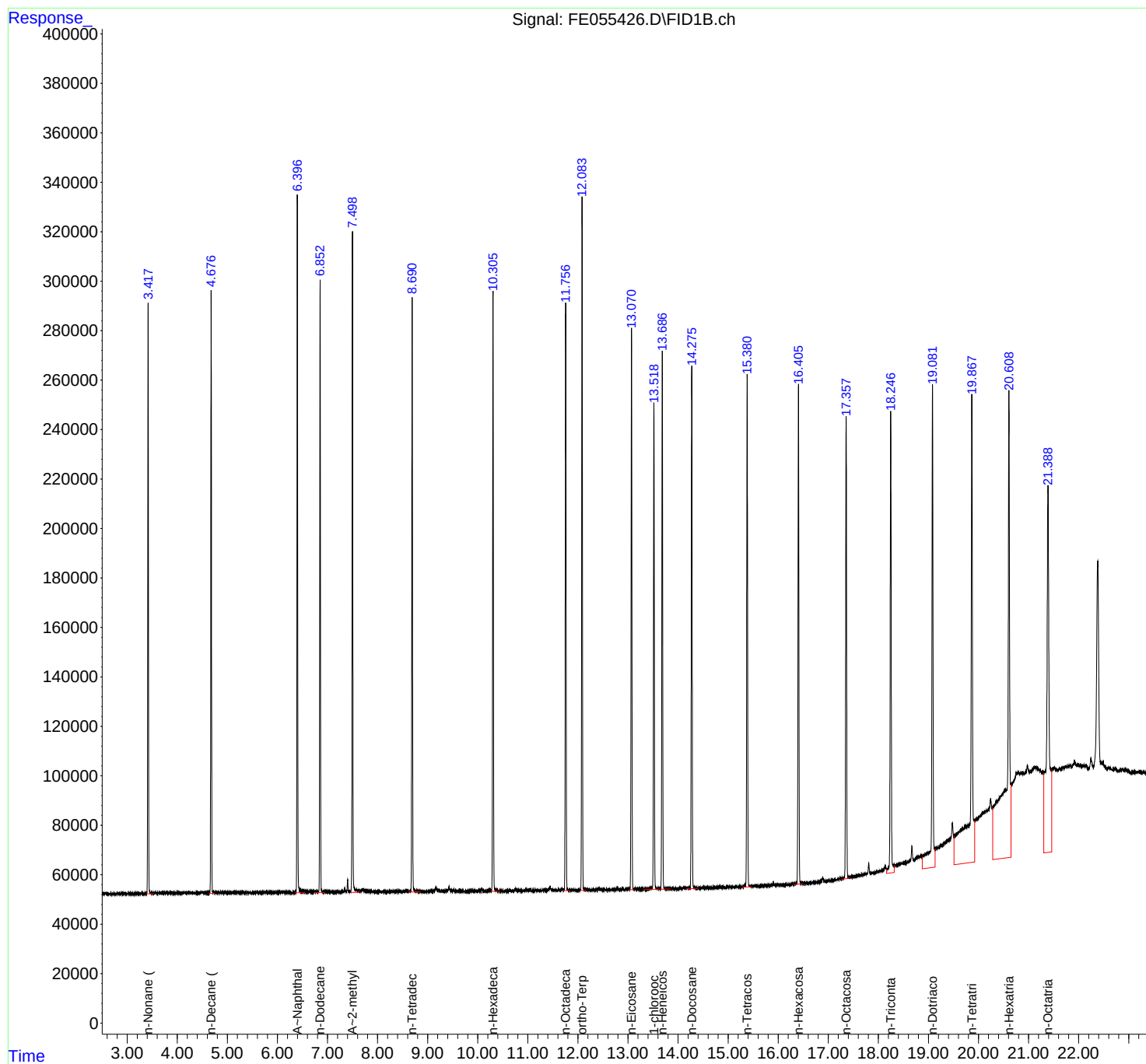
(m)=manual int.

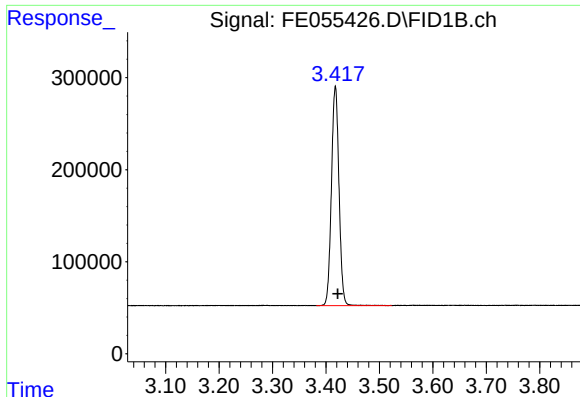
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082125AL\  
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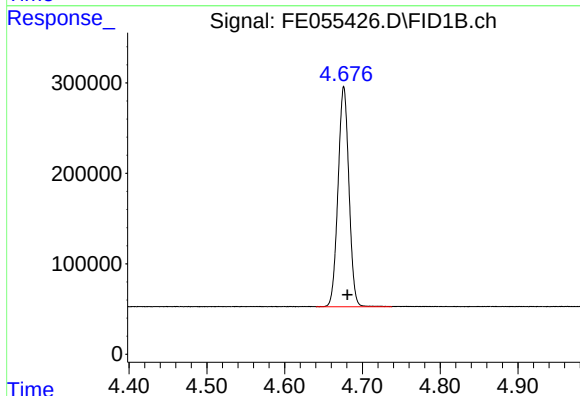




#1 n-Nonane (C9)

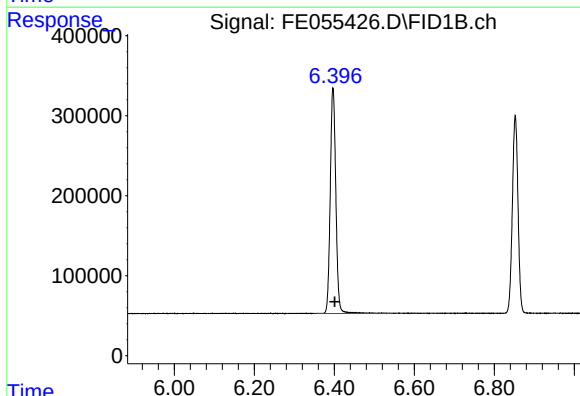
R.T.: 3.418 min  
Delta R.T.: -0.004 min  
Response: 2341921  
Conc: 20.41 ug/ml

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



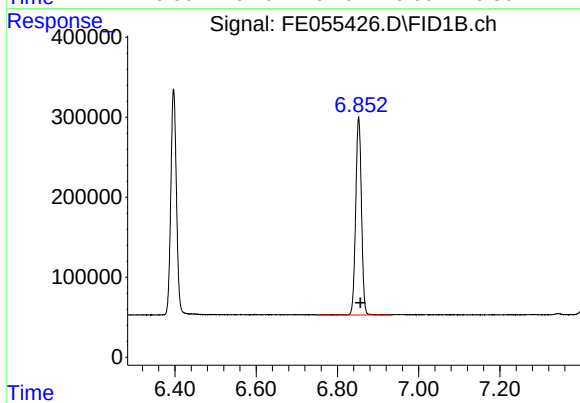
#2 n-Decane (C10)

R.T.: 4.676 min  
Delta R.T.: -0.004 min  
Response: 2376934  
Conc: 20.40 ug/ml



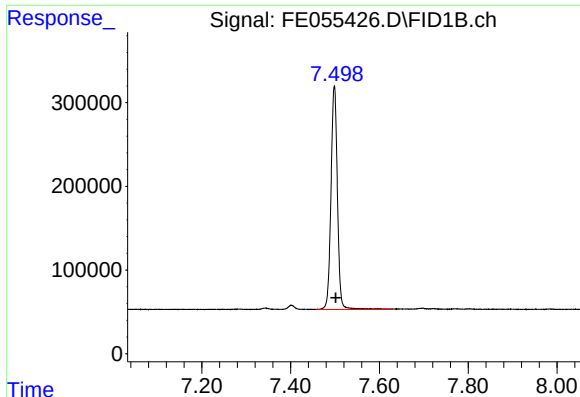
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min  
Delta R.T.: -0.004 min  
Response: 2757546  
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

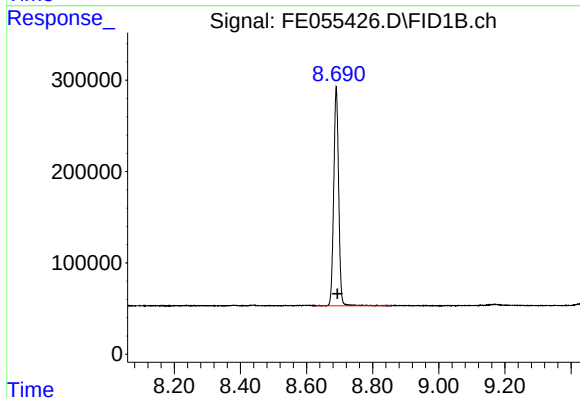
R.T.: 6.852 min  
Delta R.T.: -0.004 min  
Response: 2451423  
Conc: 20.59 ug/ml



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

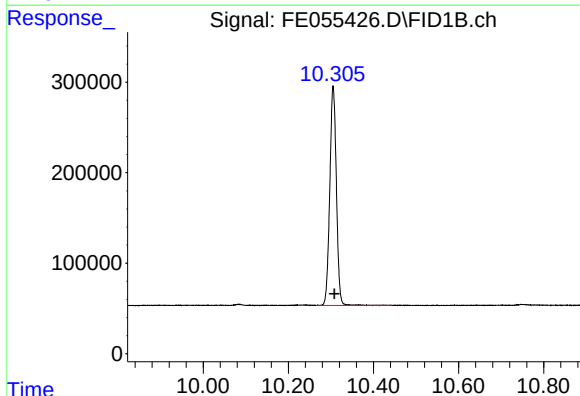
R.T.: 7.498 min  
Delta R.T.: -0.003 min  
Response: 2702659  
Conc: 20.73 ug/ml

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



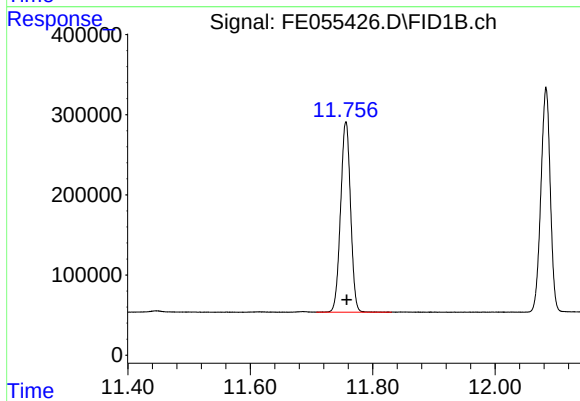
#6 n-Tetradecane (C14)

R.T.: 8.690 min  
Delta R.T.: -0.004 min  
Response: 2494986  
Conc: 20.35 ug/ml



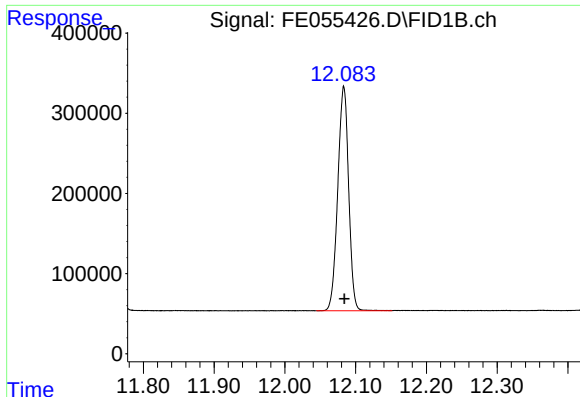
#7 n-Hexadecane (C16)

R.T.: 10.305 min  
Delta R.T.: -0.003 min  
Response: 2609028  
Conc: 20.41 ug/ml



#8 n-Octadecane (C18)

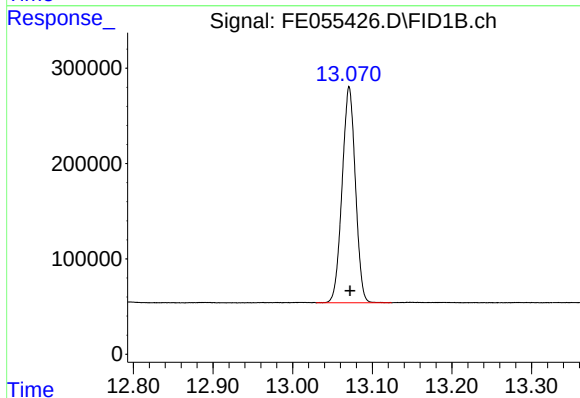
R.T.: 11.756 min  
Delta R.T.: -0.002 min  
Response: 2693549  
Conc: 20.64 ug/ml



#9 ortho-Terphenyl (SURR)

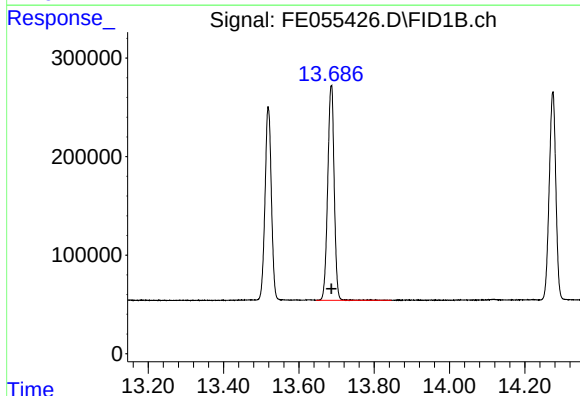
R.T.: 12.083 min  
Delta R.T.: -0.001 min  
Response: 2988372  
Conc: 20.93 ug/ml

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



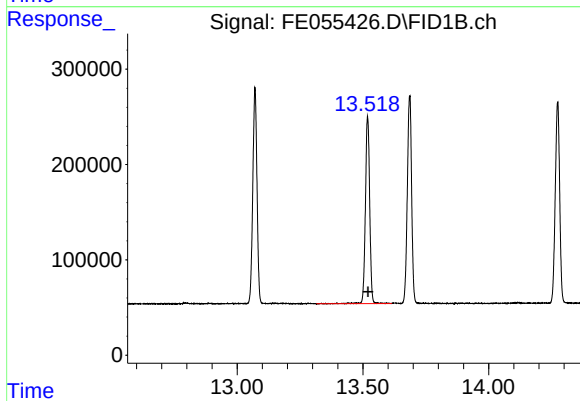
#10 n-Eicosane (C20)

R.T.: 13.071 min  
Delta R.T.: -0.001 min  
Response: 2631772  
Conc: 20.97 ug/ml



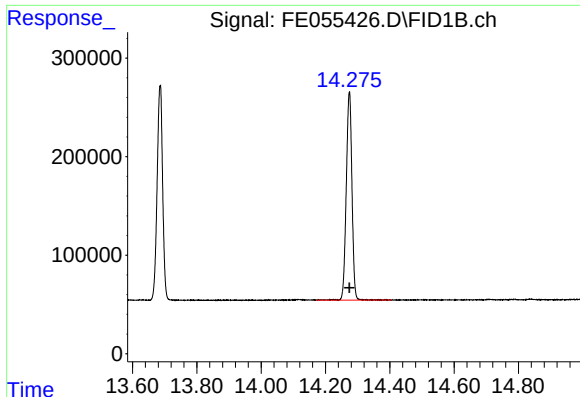
#11 n-Heneicosane (C21)

R.T.: 13.686 min  
Delta R.T.: 0.000 min  
Response: 2607165  
Conc: 21.15 ug/ml



#12 1-chlorooctadecane (SURR)

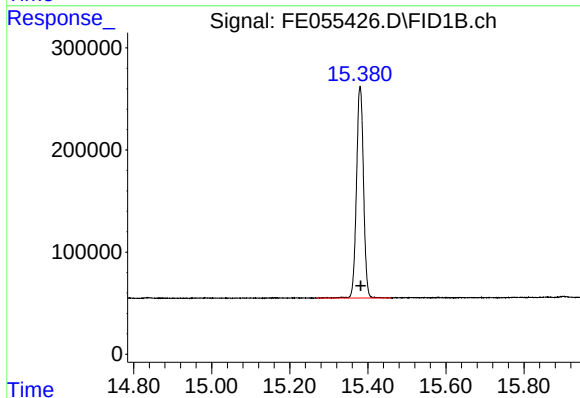
R.T.: 13.519 min  
Delta R.T.: -0.002 min  
Response: 2329249  
Conc: 21.66 ug/ml



#13 n-Docosane (C22)

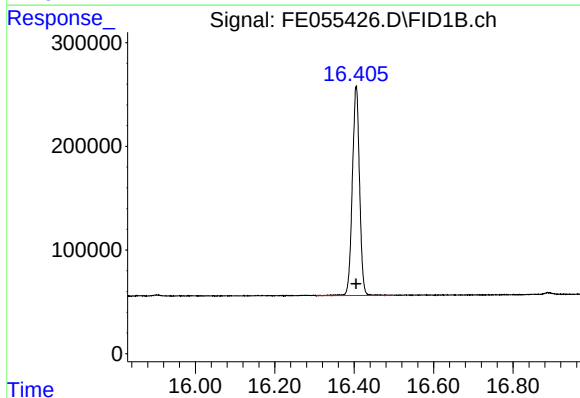
R.T.: 14.274 min  
Delta R.T.: 0.000 min  
Response: 2606755  
Conc: 21.35 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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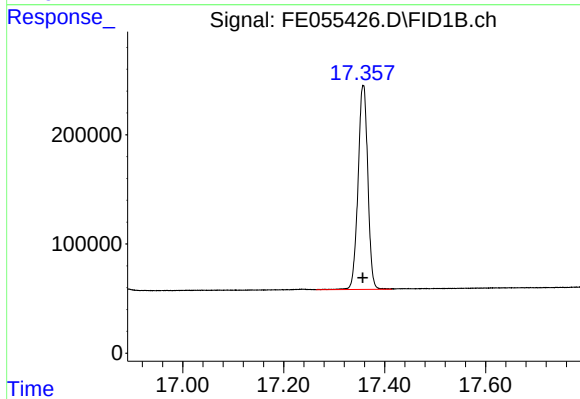
#14 n-Tetracosane (C24)

R.T.: 15.380 min  
Delta R.T.: -0.002 min  
Response: 2592219  
Conc: 21.31 ug/ml



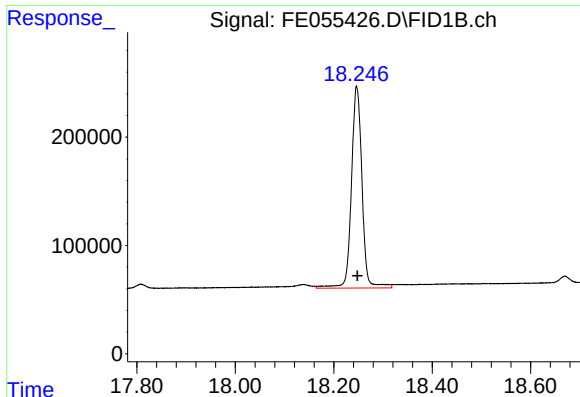
#15 n-Hexacosane (C26)

R.T.: 16.405 min  
Delta R.T.: 0.000 min  
Response: 2536513  
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

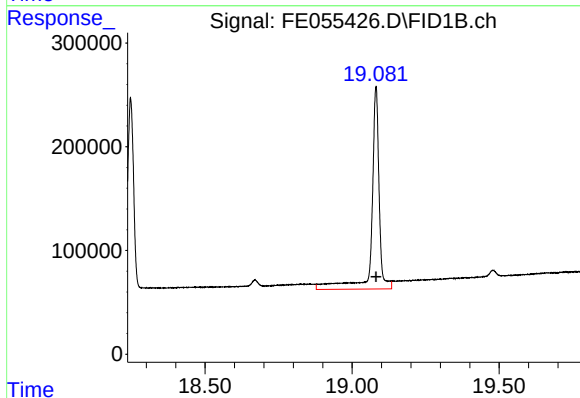
R.T.: 17.357 min  
Delta R.T.: 0.000 min  
Response: 2507547  
Conc: 21.14 ug/ml



#17 n-Tricontane (C30)

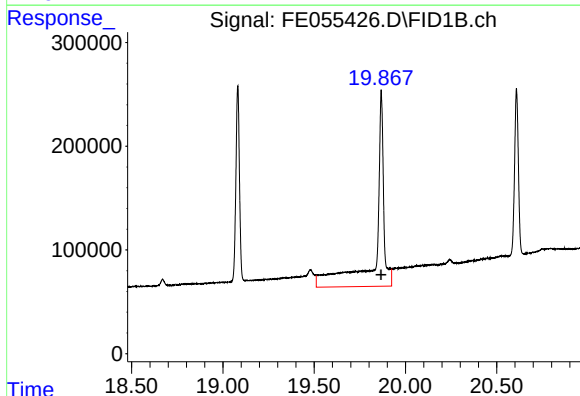
R.T.: 18.247 min  
Delta R.T.: -0.001 min  
Response: 2784248  
Conc: 22.63 ug/ml

Instrument :  
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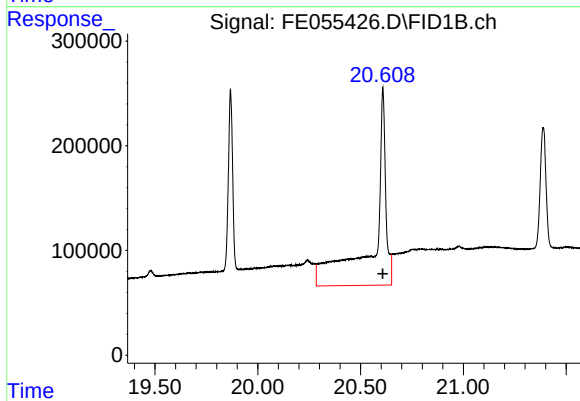
#18 n-Dotriacontane (C32)

R.T.: 19.081 min  
Delta R.T.: 0.000 min  
Response: 3491907  
Conc: 28.62 ug/ml



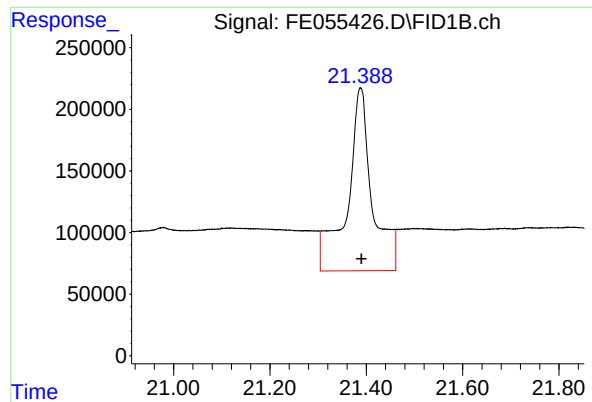
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min  
Delta R.T.: 0.000 min  
Response: 5974407  
Conc: 51.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.608 min  
Delta R.T.: 0.000 min  
Response: 7907658  
Conc: 72.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.388 min  
Delta R.T.: -0.002 min  
Response: 5343737  
Conc: 49.45 ug/ml

Instrument :

FID\_E

ClientSampleId :

20 PPM ALIPHATIC HC STD