

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082125AL\  
 Data File : FE055419.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Aug 2025 09:37  
 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 01:15:10 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)    | 12.085 | 3120322    | 21.850 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.70%       |
| 12) S 1-chlorooctadecane (S... | 13.522 | 2429719    | 22.597 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 45.19%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.419  | 2429995    | 21.173 ug/ml |
| 2) T n-Decane (C10)            | 4.677  | 2482440    | 21.309 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.399  | 2884816    | 21.492 ug/ml |
| 4) T n-Dodecane (C12)          | 6.854  | 2553283    | 21.441 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.501  | 2805279    | 21.516 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.692  | 2605866    | 21.253 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.307 | 2738785    | 21.423 ug/ml |
| 8) T n-Octadecane (C18)        | 11.758 | 2822345    | 21.631 ug/ml |
| 10) T n-Eicosane (C20)         | 13.073 | 2749754    | 21.915 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.687 | 2717109    | 22.042 ug/ml |
| 13) T n-Docosane (C22)         | 14.276 | 2701805    | 22.124 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.383 | 2693075    | 22.141 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.408 | 2623765    | 21.929 ug/ml |
| 16) T n-Octacosane (C28)       | 17.360 | 2535125    | 21.371 ug/ml |
| 17) T n-Tricontane (C30)       | 18.250 | 2657827    | 21.600 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.085 | 2885185    | 23.647 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.870 | 3150035    | 26.942 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.612 | 5979812    | 54.711 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.392 | 4597667    | 42.543 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

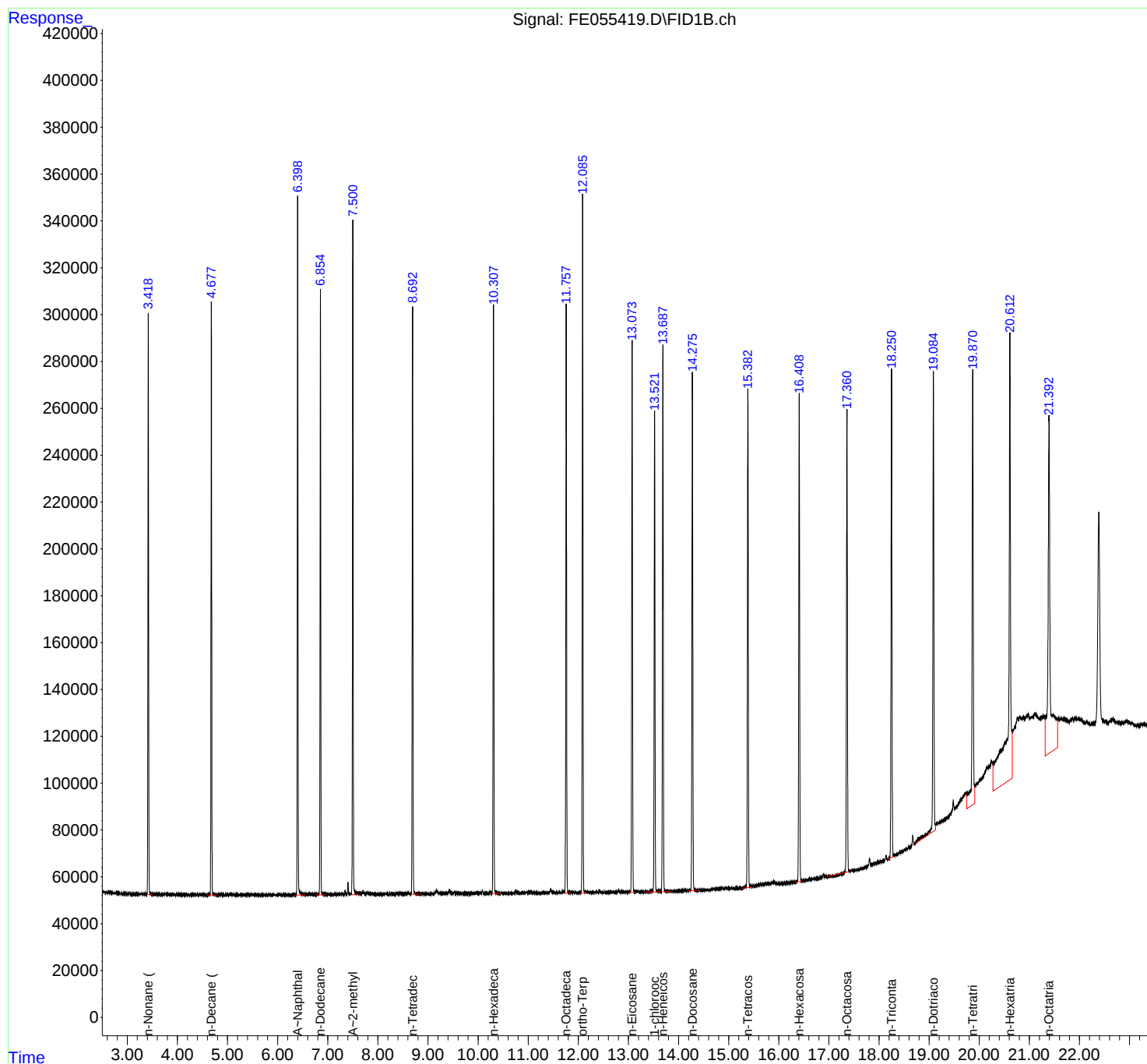
(m)=manual int.

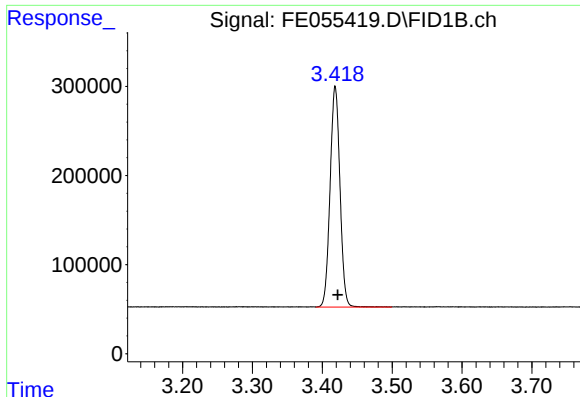
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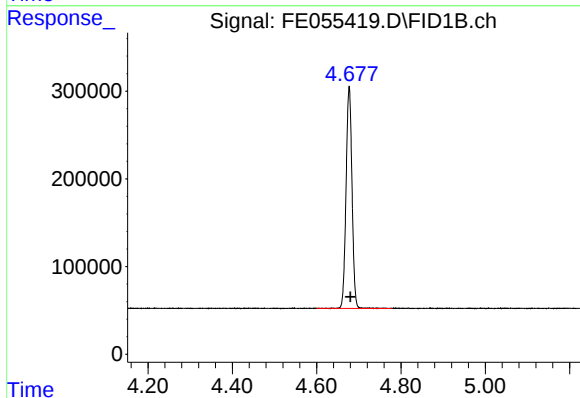




#1 n-Nonane (C9)

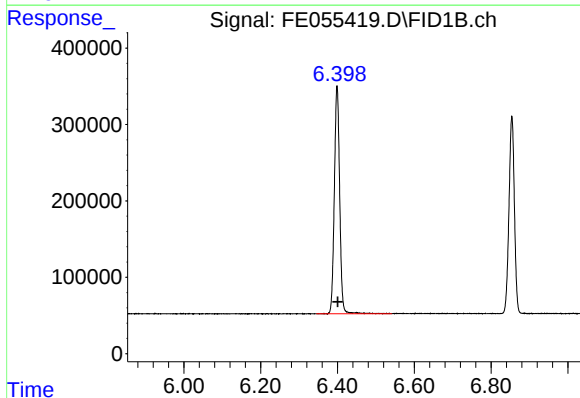
R.T.: 3.419 min  
Delta R.T.: -0.003 min  
Response: 2429995  
Conc: 21.17 ug/ml

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



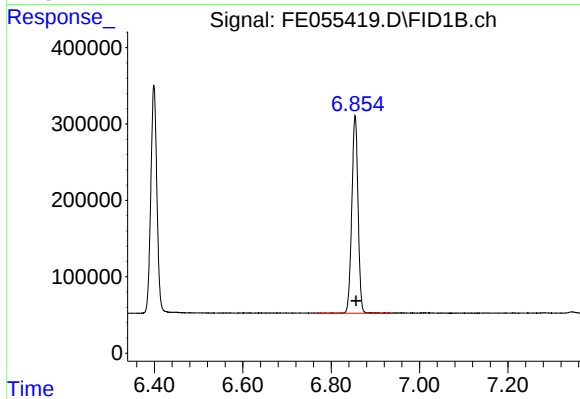
#2 n-Decane (C10)

R.T.: 4.677 min  
Delta R.T.: -0.003 min  
Response: 2482440  
Conc: 21.31 ug/ml



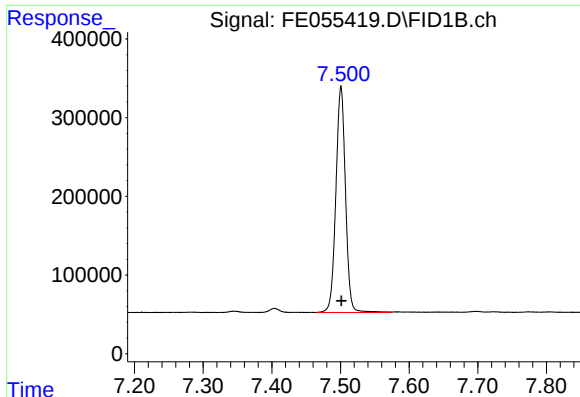
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min  
Delta R.T.: -0.002 min  
Response: 2884816  
Conc: 21.49 ug/ml



#4 n-Dodecane (C12)

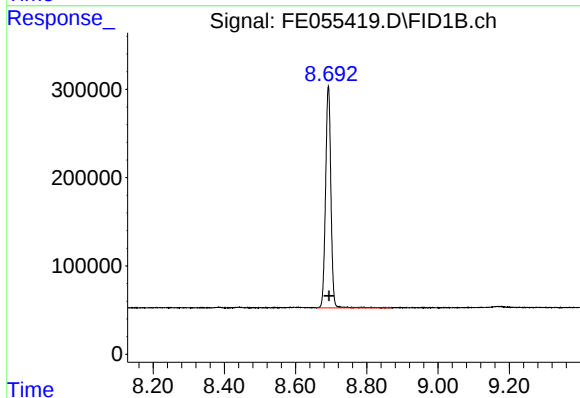
R.T.: 6.854 min  
Delta R.T.: -0.002 min  
Response: 2553283  
Conc: 21.44 ug/ml



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

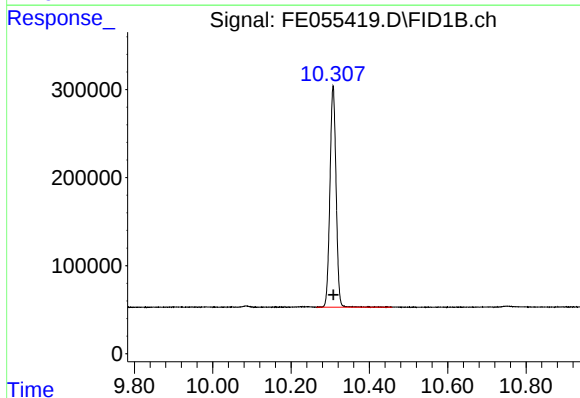
R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 2805279  
Conc: 21.52 ug/ml

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



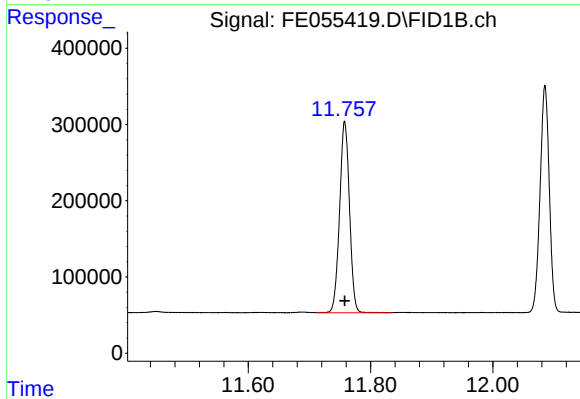
#6 n-Tetradecane (C14)

R.T.: 8.692 min  
Delta R.T.: -0.002 min  
Response: 2605866  
Conc: 21.25 ug/ml



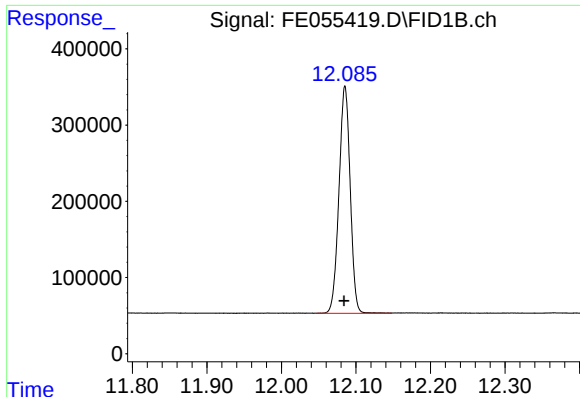
#7 n-Hexadecane (C16)

R.T.: 10.307 min  
Delta R.T.: 0.000 min  
Response: 2738785  
Conc: 21.42 ug/ml



#8 n-Octadecane (C18)

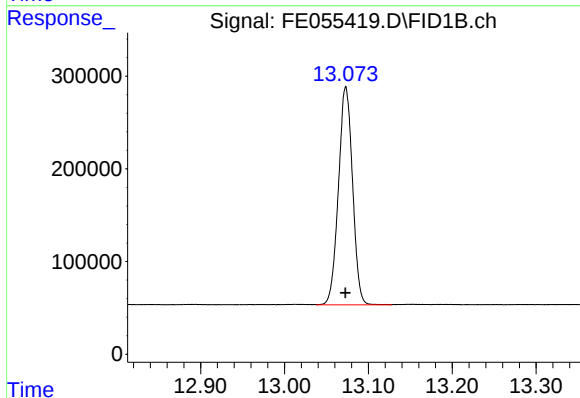
R.T.: 11.758 min  
Delta R.T.: 0.000 min  
Response: 2822345  
Conc: 21.63 ug/ml



#9 ortho-Terphenyl (SURR)

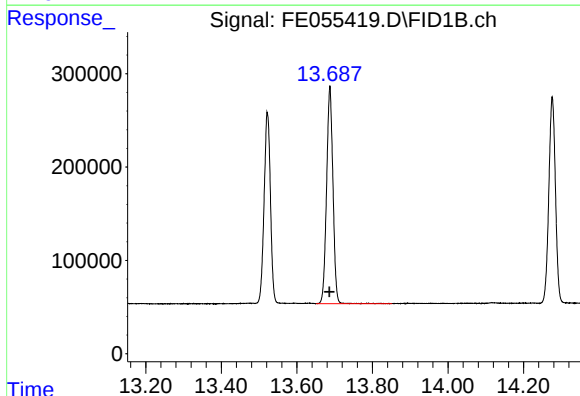
R.T.: 12.085 min  
Delta R.T.: 0.001 min  
Response: 3120322  
Conc: 21.85 ug/ml

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



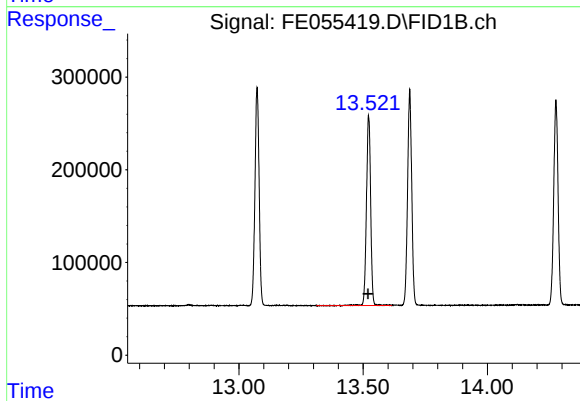
#10 n-Eicosane (C20)

R.T.: 13.073 min  
Delta R.T.: 0.000 min  
Response: 2749754  
Conc: 21.92 ug/ml



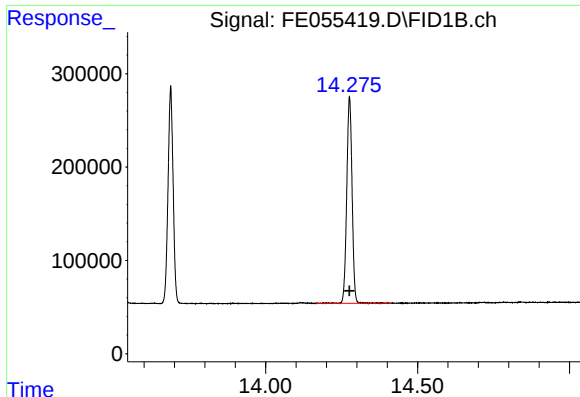
#11 n-Heneicosane (C21)

R.T.: 13.687 min  
Delta R.T.: 0.001 min  
Response: 2717109  
Conc: 22.04 ug/ml



#12 1-chlorooctadecane (SURR)

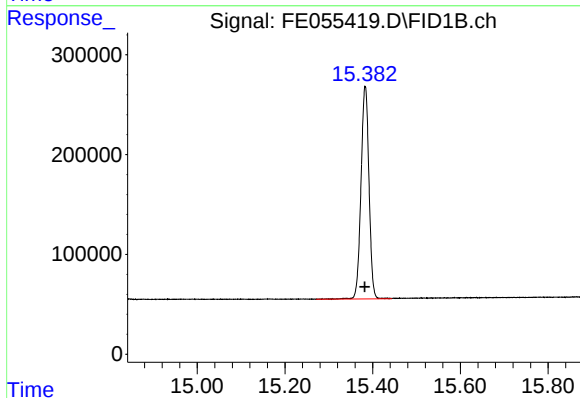
R.T.: 13.522 min  
Delta R.T.: 0.002 min  
Response: 2429719  
Conc: 22.60 ug/ml



#13 n-Docosane (C22)

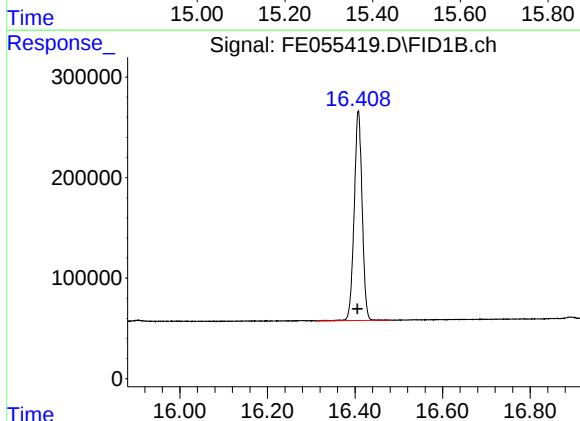
R.T.: 14.276 min  
Delta R.T.: 0.001 min  
Response: 2701805  
Conc: 22.12 ug/ml

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



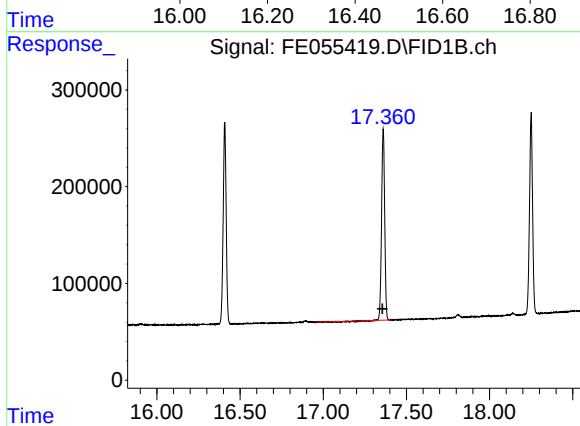
#14 n-Tetracosane (C24)

R.T.: 15.383 min  
Delta R.T.: 0.001 min  
Response: 2693075  
Conc: 22.14 ug/ml



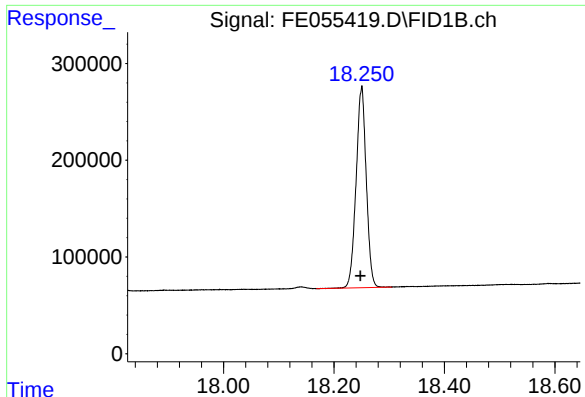
#15 n-Hexacosane (C26)

R.T.: 16.408 min  
Delta R.T.: 0.003 min  
Response: 2623765  
Conc: 21.93 ug/ml



#16 n-Octacosane (C28)

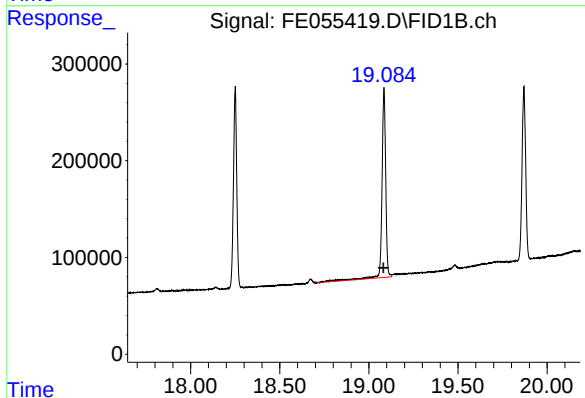
R.T.: 17.360 min  
Delta R.T.: 0.003 min  
Response: 2535125  
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

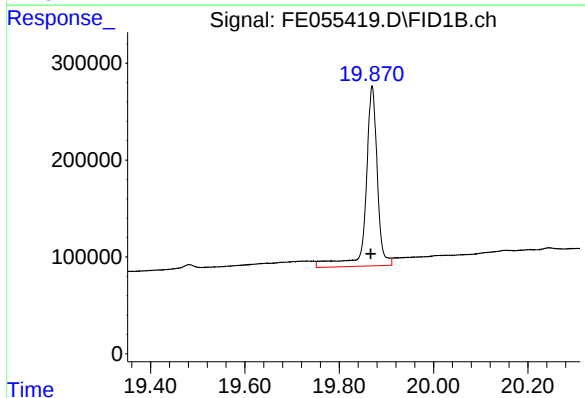
R.T.: 18.250 min  
Delta R.T.: 0.002 min  
Response: 2657827  
Conc: 21.60 ug/ml

Instrument :  
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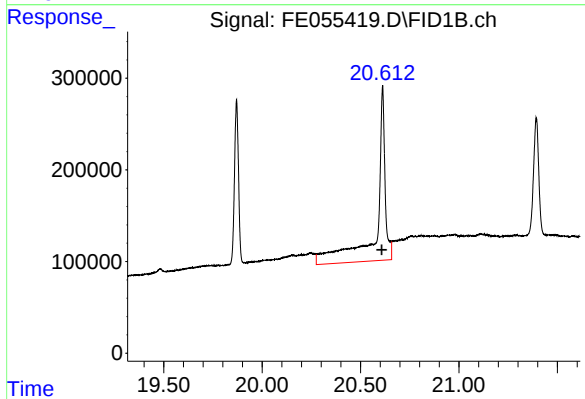
#18 n-Dotriacontane (C32)

R.T.: 19.085 min  
Delta R.T.: 0.003 min  
Response: 2885185  
Conc: 23.65 ug/ml



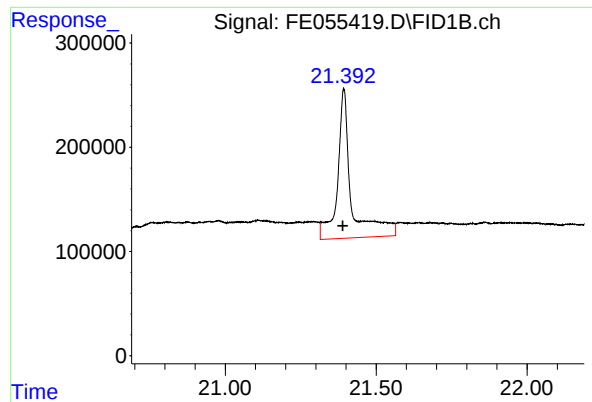
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min  
Delta R.T.: 0.003 min  
Response: 3150035  
Conc: 26.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.612 min  
Delta R.T.: 0.003 min  
Response: 5979812  
Conc: 54.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min  
Delta R.T.: 0.003 min  
Response: 4597667  
Conc: 42.54 ug/ml

Instrument :

FID\_E

ClientSampleId :

20 PPM ALIPHATIC HC STD