

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072225AL\  
 Data File : FE054974.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Jul 2025 22:46  
 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: Jul 23 04:34:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 08 07:45:12 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)    | 12.086 | 3196169    | 19.682 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.36%       |
| 12) S 1-chlorooctadecane (S... | 13.522 | 2430774    | 19.247 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.49%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.424  | 2572579    | 19.126 ug/ml |
| 2) T n-Decane (C10)            | 4.682  | 2680272    | 19.643 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.401  | 3062211    | 20.224 ug/ml |
| 4) T n-Dodecane (C12)          | 6.858  | 2750634    | 20.047 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.502  | 2989396    | 20.335 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.695  | 2797215    | 20.178 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.309 | 2894601    | 20.312 ug/ml |
| 8) T n-Octadecane (C18)        | 11.759 | 2933470    | 20.016 ug/ml |
| 10) T n-Eicosane (C20)         | 13.073 | 2811601    | 19.553 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.688 | 2753967    | 19.281 ug/ml |
| 13) T n-Docosane (C22)         | 14.275 | 2731997    | 19.133 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.381 | 2727223    | 18.761 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.405 | 2684169    | 18.548 ug/ml |
| 16) T n-Octacosane (C28)       | 17.357 | 2677095    | 18.369 ug/ml |
| 17) T n-Tricontane (C30)       | 18.245 | 2826113    | 17.934 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.080 | 2844810    | 17.584 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.865 | 2697692    | 17.702 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.605 | 2457671    | 18.279 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.384 | 2388647    | 20.366 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.374 | 2288973    | 21.119 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

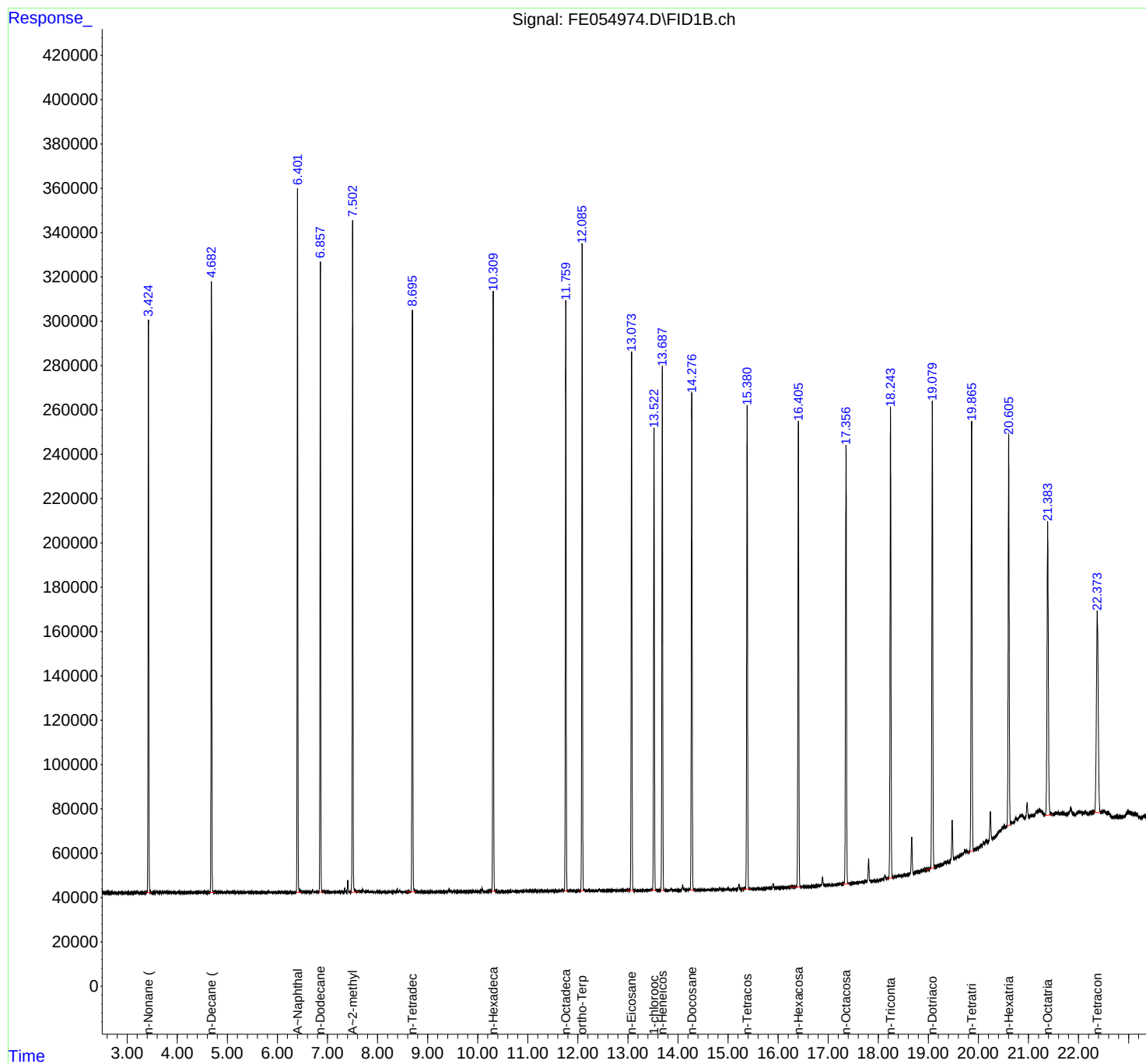
(m)=manual int.

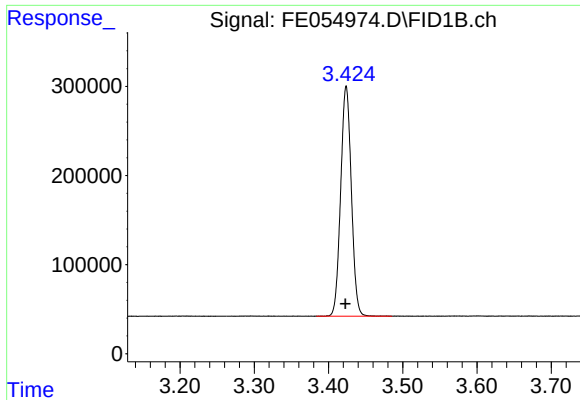
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072225AL\  
Data File : FE054974.D  
Signal(s) : FID1B.ch  
Acq On : 22 Jul 2025 22:46  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 08 07:45:12 2025  
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

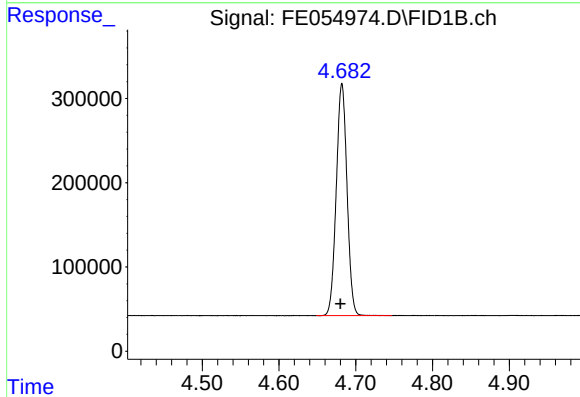




#1 n-Nonane (C9)

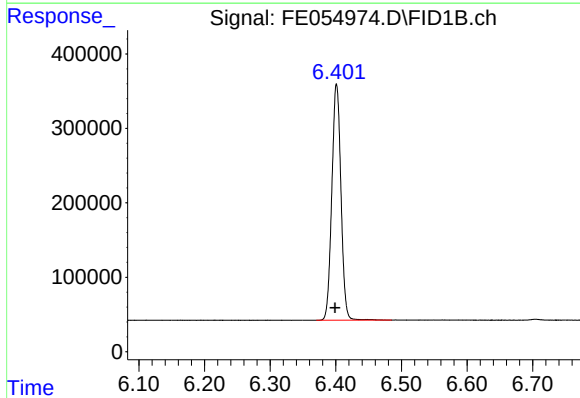
R.T.: 3.424 min  
Delta R.T.: 0.000 min  
Response: 2572579  
Conc: 19.13 ug/ml

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



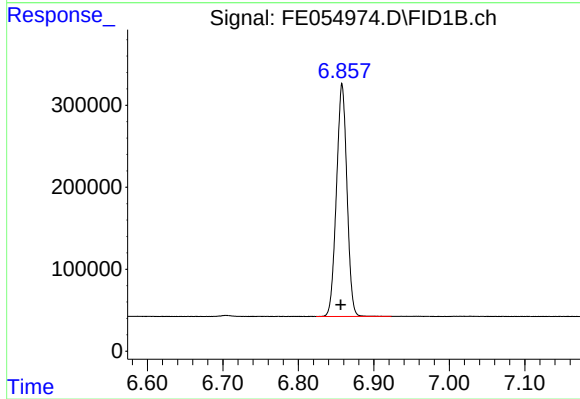
#2 n-Decane (C10)

R.T.: 4.682 min  
Delta R.T.: 0.002 min  
Response: 2680272  
Conc: 19.64 ug/ml



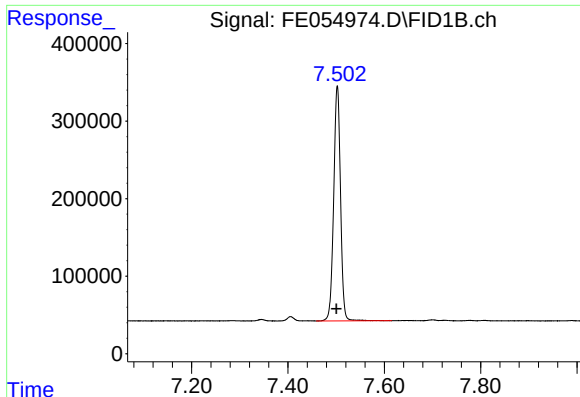
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min  
Delta R.T.: 0.002 min  
Response: 3062211  
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

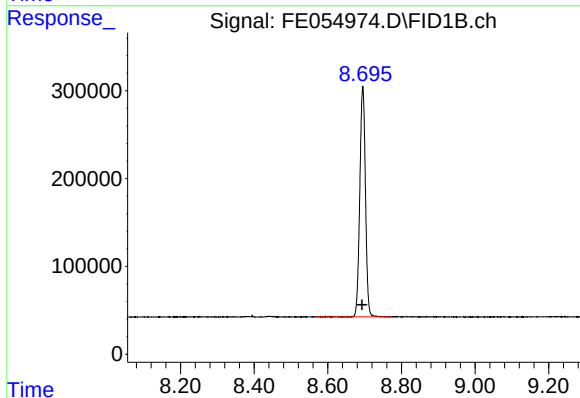
R.T.: 6.858 min  
Delta R.T.: 0.002 min  
Response: 2750634  
Conc: 20.05 ug/ml



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

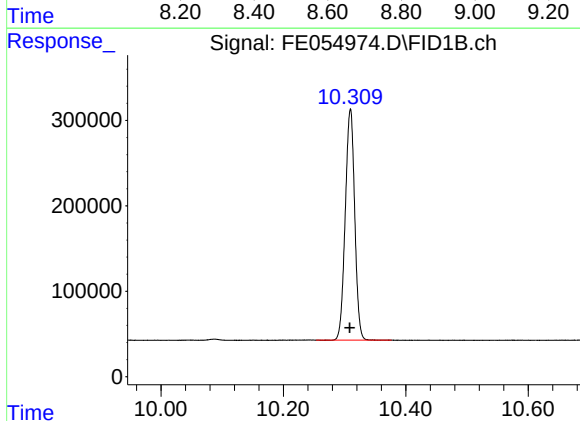
R.T.: 7.502 min  
Delta R.T.: 0.002 min  
Response: 2989396  
Conc: 20.34 ug/ml

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



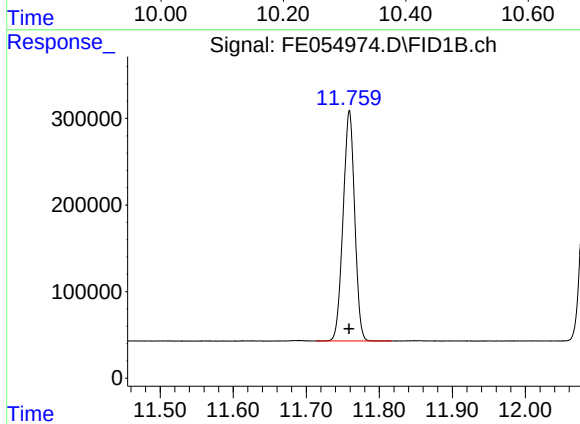
#6 n-Tetradecane (C14)

R.T.: 8.695 min  
Delta R.T.: 0.002 min  
Response: 2797215  
Conc: 20.18 ug/ml



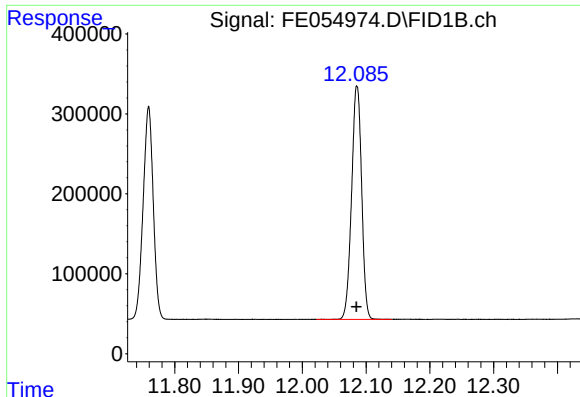
#7 n-Hexadecane (C16)

R.T.: 10.309 min  
Delta R.T.: 0.000 min  
Response: 2894601  
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

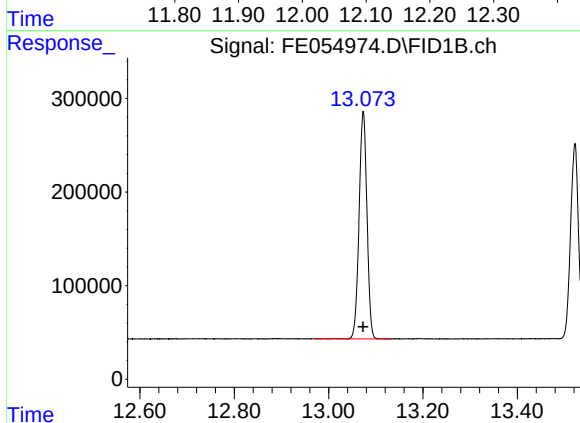
R.T.: 11.759 min  
Delta R.T.: 0.000 min  
Response: 2933470  
Conc: 20.02 ug/ml



#9 ortho-Terphenyl (SURR)

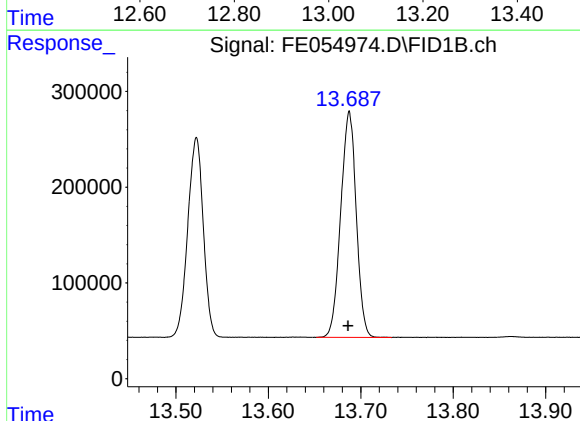
R.T.: 12.086 min  
Delta R.T.: 0.001 min  
Response: 3196169  
Conc: 19.68 ug/ml

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



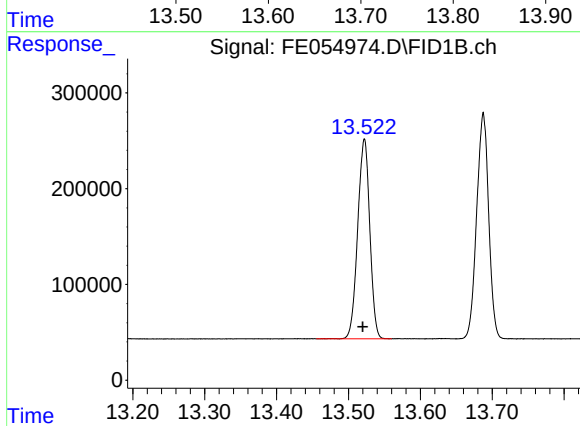
#10 n-Eicosane (C20)

R.T.: 13.073 min  
Delta R.T.: 0.000 min  
Response: 2811601  
Conc: 19.55 ug/ml



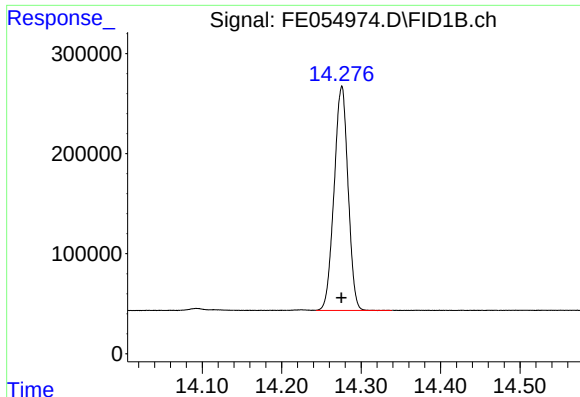
#11 n-Heneicosane (C21)

R.T.: 13.688 min  
Delta R.T.: 0.001 min  
Response: 2753967  
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

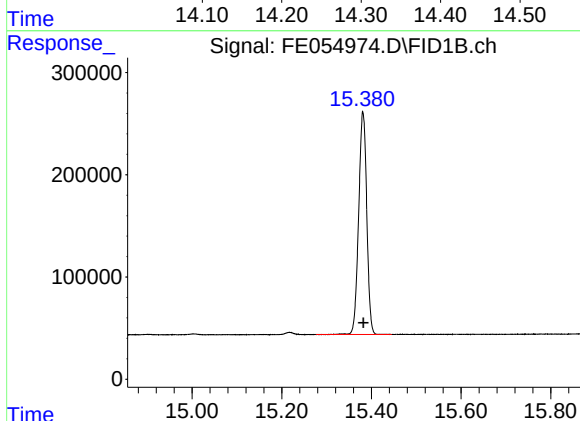
R.T.: 13.522 min  
Delta R.T.: 0.002 min  
Response: 2430774  
Conc: 19.25 ug/ml



#13 n-Docosane (C22)

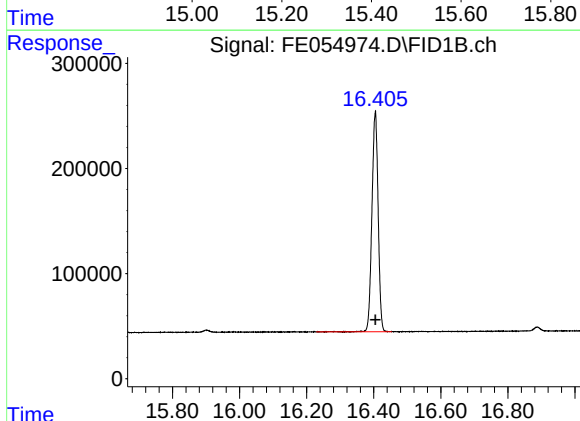
R.T.: 14.275 min  
Delta R.T.: 0.000 min  
Response: 2731997  
Conc: 19.13 ug/ml

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



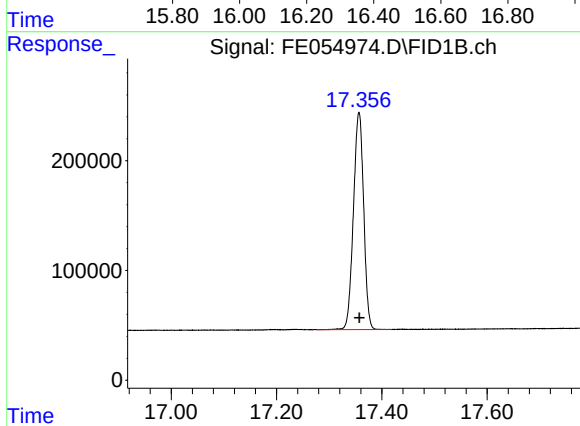
#14 n-Tetracosane (C24)

R.T.: 15.381 min  
Delta R.T.: -0.001 min  
Response: 2727223  
Conc: 18.76 ug/ml



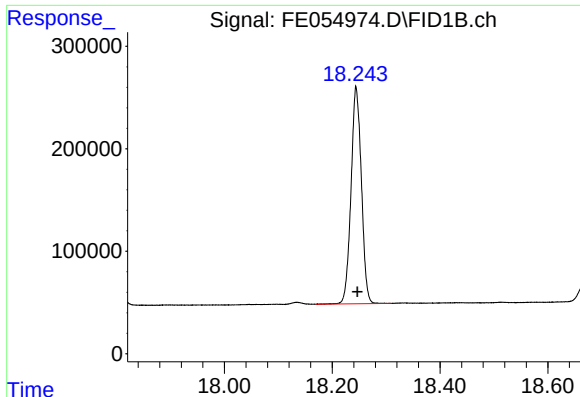
#15 n-Hexacosane (C26)

R.T.: 16.405 min  
Delta R.T.: 0.000 min  
Response: 2684169  
Conc: 18.55 ug/ml



#16 n-Octacosane (C28)

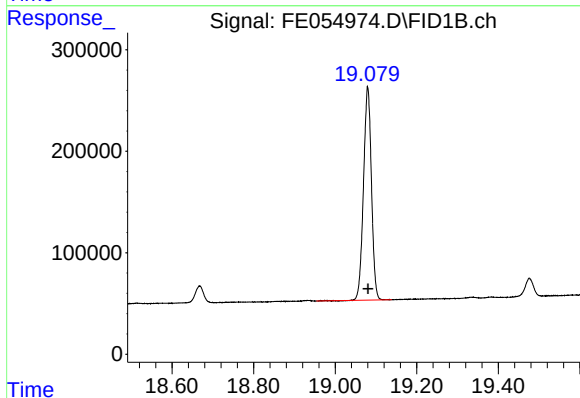
R.T.: 17.357 min  
Delta R.T.: -0.001 min  
Response: 2677095  
Conc: 18.37 ug/ml



#17 n-Tricontane (C30)

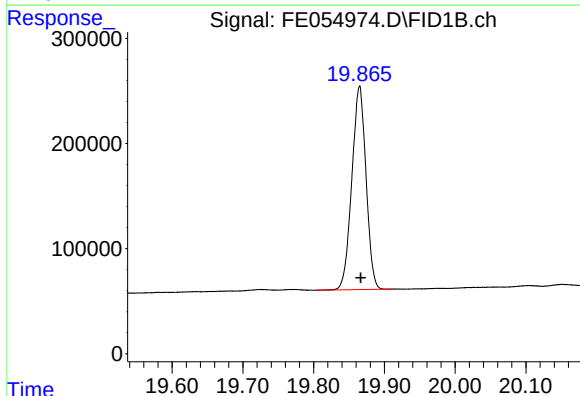
R.T.: 18.245 min  
Delta R.T.: -0.002 min  
Response: 2826113  
Conc: 17.93 ug/ml

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



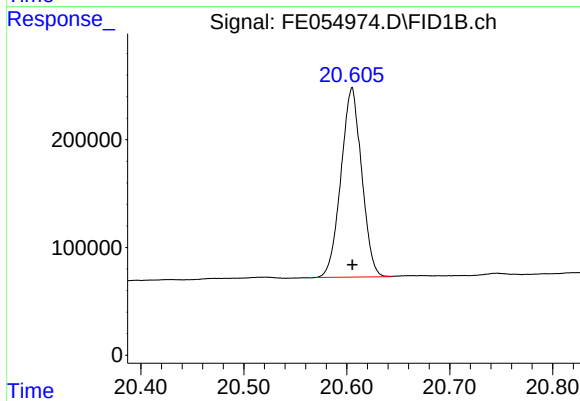
#18 n-Dotriacontane (C32)

R.T.: 19.080 min  
Delta R.T.: 0.000 min  
Response: 2844810  
Conc: 17.58 ug/ml



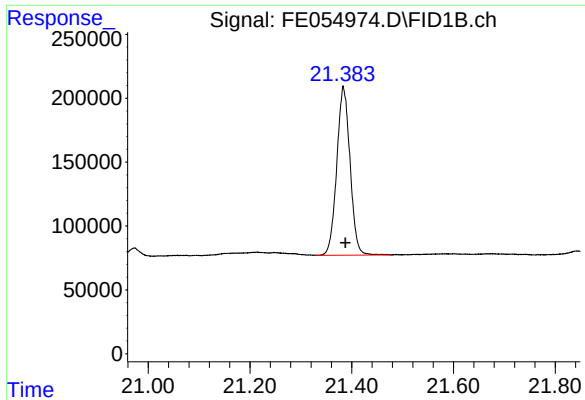
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min  
Delta R.T.: -0.002 min  
Response: 2697692  
Conc: 17.70 ug/ml



#20 n-Hexatriacontane (C36)

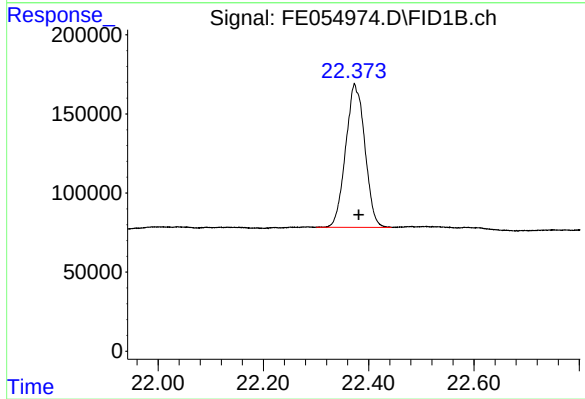
R.T.: 20.605 min  
Delta R.T.: 0.000 min  
Response: 2457671  
Conc: 18.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min  
Delta R.T.: -0.004 min  
Response: 2388647  
Conc: 20.37 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.374 min  
Delta R.T.: -0.007 min  
Response: 2288973  
Conc: 21.12 ug/ml