

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042425AL\  
 Data File : FE053519.D  
 Signal(s) : FID1B.ch  
 Acq On : 24 Apr 2025 11:54  
 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 25 01:25:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 15:58:53 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)    | 11.869 | 3395367    | 18.825 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.65%       |
| 12) S 1-chlorooctadecane (S... | 13.314 | 2501733    | 18.507 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.01%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.218  | 2752059    | 20.073 ug/ml |
| 2) T n-Decane (C10)            | 4.479  | 2814119    | 20.343 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.191  | 3071604    | 20.349 ug/ml |
| 4) T n-Dodecane (C12)          | 6.659  | 2840412    | 20.253 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.292  | 3024915    | 20.260 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.494  | 2814694    | 20.063 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.107 | 2814006    | 19.634 ug/ml |
| 8) T n-Octadecane (C18)        | 11.555 | 2712639    | 18.614 ug/ml |
| 10) T n-Eicosane (C20)         | 12.868 | 2731508    | 18.772 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.482 | 2695701    | 18.611 ug/ml |
| 13) T n-Docosane (C22)         | 14.069 | 2674875    | 18.537 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.175 | 2635422    | 18.347 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.197 | 2592639    | 18.306 ug/ml |
| 16) T n-Octacosane (C28)       | 17.149 | 2599289    | 18.683 ug/ml |
| 17) T n-Tricontane (C30)       | 18.039 | 2705174    | 19.434 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.872 | 2749150    | 20.022 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.658 | 2632106    | 20.201 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.400 | 2607112    | 20.651 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.134 | 2524433    | 20.721 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.037 | 2474805    | 20.723 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

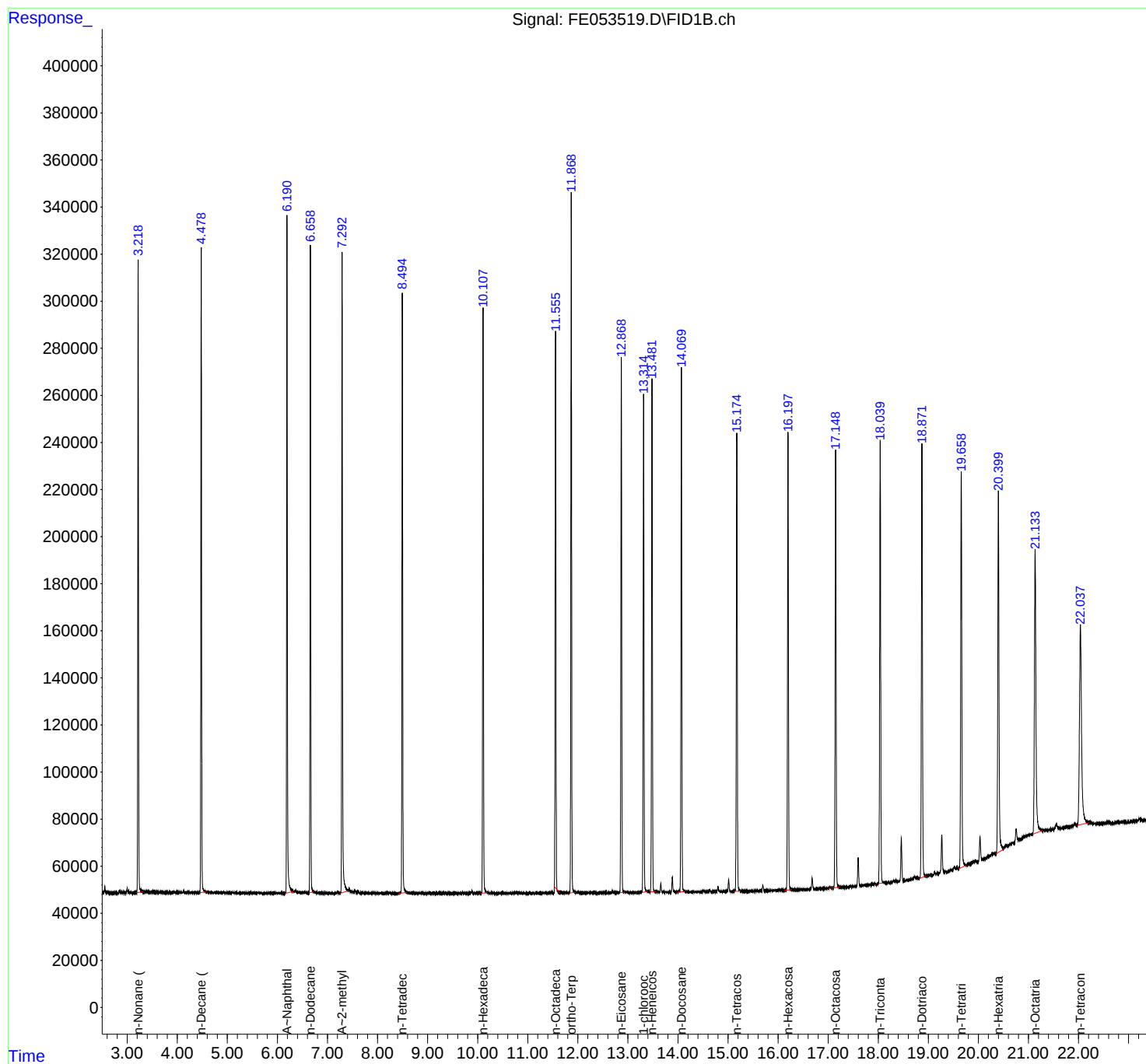
(m)=manual int.

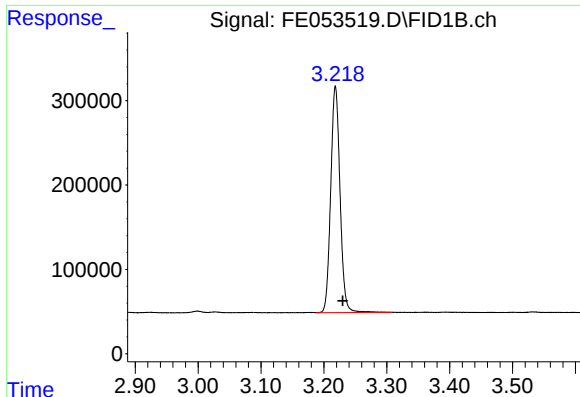
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042425AL\  
Data File : FE053519.D  
Signal(s) : FID1B.ch  
Acq On : 24 Apr 2025 11:54  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Apr 25 01:25:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 15:58:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

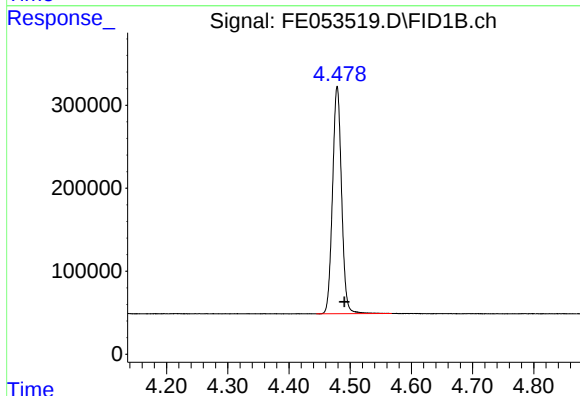




#1 n-Nonane (C9)

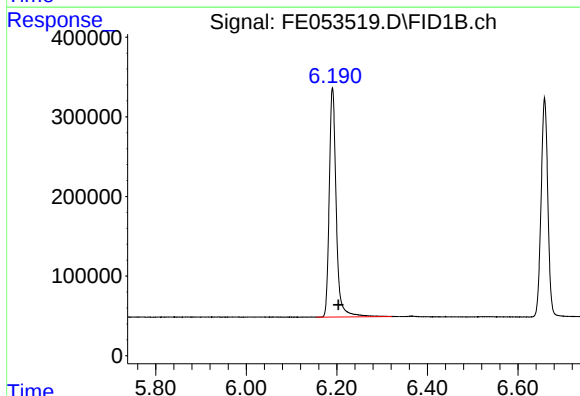
R.T.: 3.218 min  
Delta R.T.: -0.012 min  
Response: 2752059  
Conc: 20.07 ug/ml

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



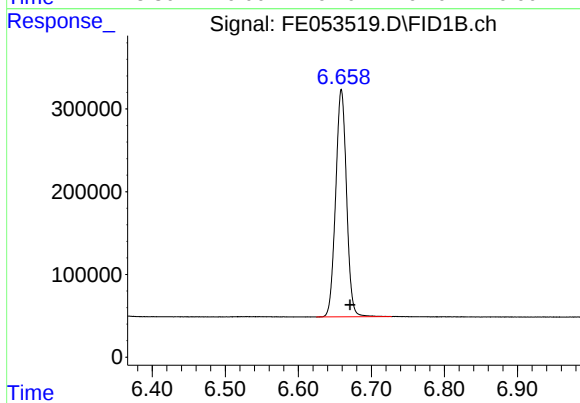
#2 n-Decane (C10)

R.T.: 4.479 min  
Delta R.T.: -0.012 min  
Response: 2814119  
Conc: 20.34 ug/ml



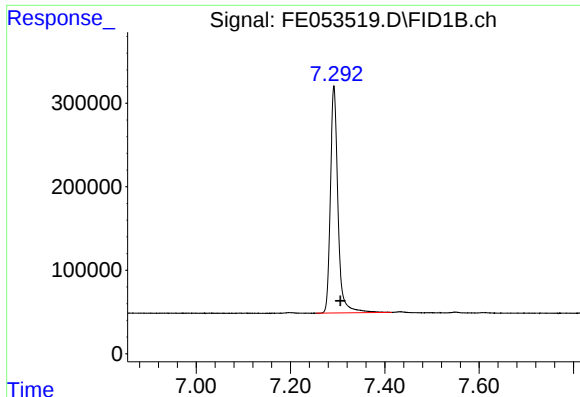
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min  
Delta R.T.: -0.013 min  
Response: 3071604  
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

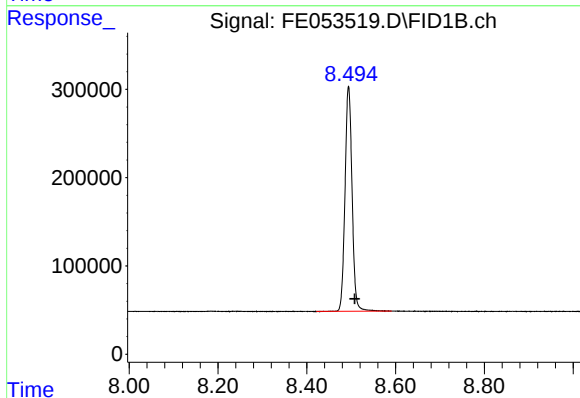
R.T.: 6.659 min  
Delta R.T.: -0.012 min  
Response: 2840412  
Conc: 20.25 ug/ml



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

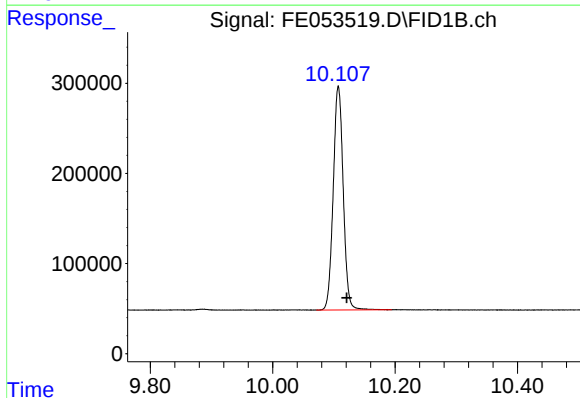
R.T.: 7.292 min  
Delta R.T.: -0.013 min  
Response: 3024915  
Conc: 20.26 ug/ml

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



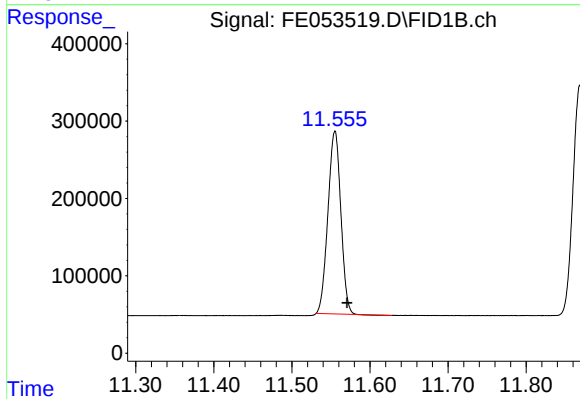
#6 n-Tetradecane (C14)

R.T.: 8.494 min  
Delta R.T.: -0.013 min  
Response: 2814694  
Conc: 20.06 ug/ml



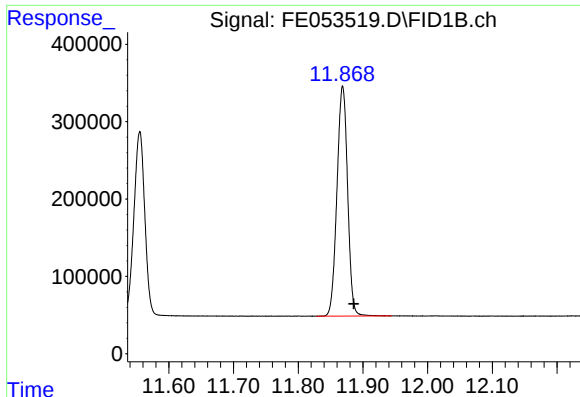
#7 n-Hexadecane (C16)

R.T.: 10.107 min  
Delta R.T.: -0.014 min  
Response: 2814006  
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

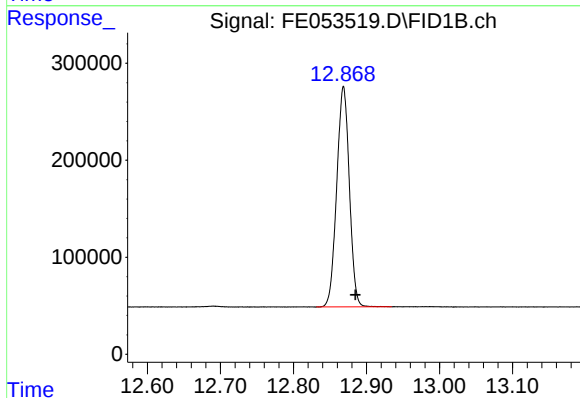
R.T.: 11.555 min  
Delta R.T.: -0.016 min  
Response: 2712639  
Conc: 18.61 ug/ml



#9 ortho-Terphenyl (SURR)

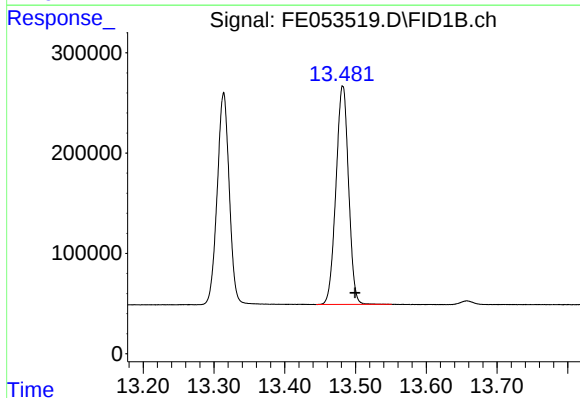
R.T.: 11.869 min  
Delta R.T.: -0.017 min  
Response: 3395367  
Conc: 18.83 ug/ml

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



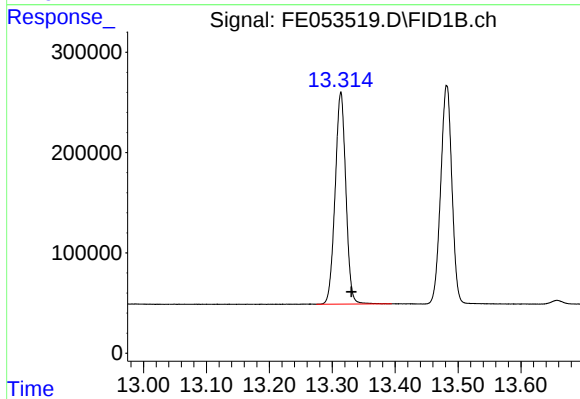
#10 n-Eicosane (C20)

R.T.: 12.868 min  
Delta R.T.: -0.016 min  
Response: 2731508  
Conc: 18.77 ug/ml



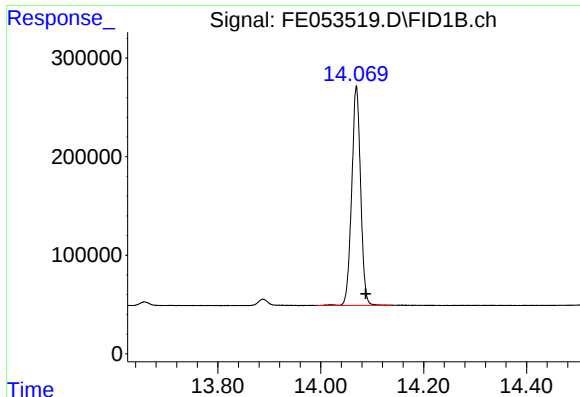
#11 n-Heneicosane (C21)

R.T.: 13.482 min  
Delta R.T.: -0.017 min  
Response: 2695701  
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

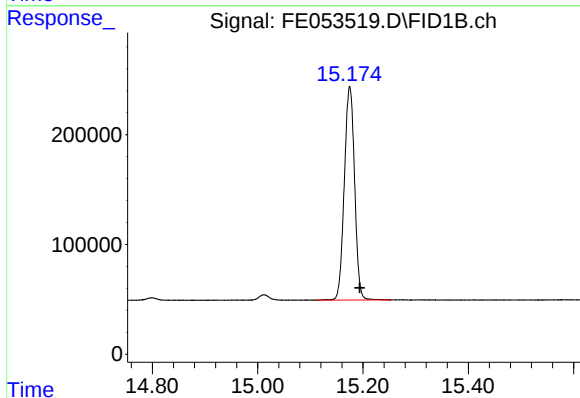
R.T.: 13.314 min  
Delta R.T.: -0.017 min  
Response: 2501733  
Conc: 18.51 ug/ml



#13 n-Docosane (C22)

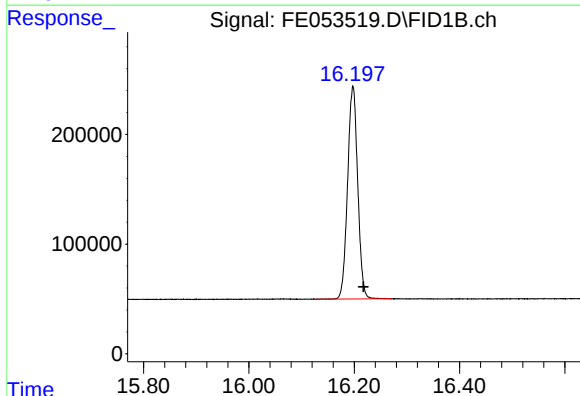
R.T.: 14.069 min  
Delta R.T.: -0.018 min  
Response: 2674875  
Conc: 18.54 ug/ml

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



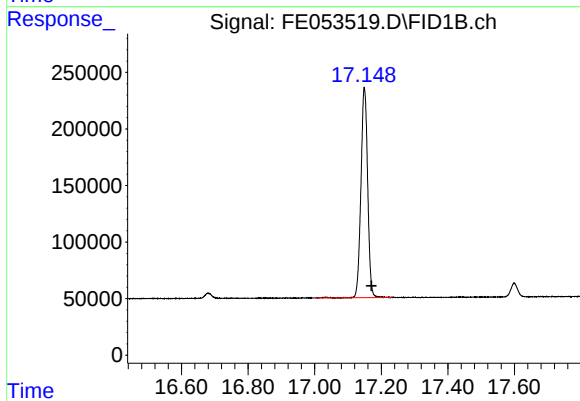
#14 n-Tetracosane (C24)

R.T.: 15.175 min  
Delta R.T.: -0.019 min  
Response: 2635422  
Conc: 18.35 ug/ml



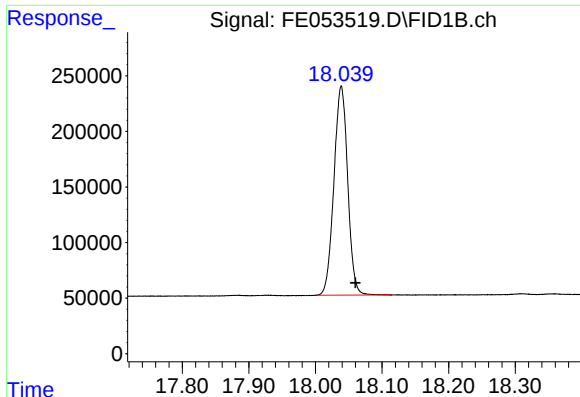
#15 n-Hexacosane (C26)

R.T.: 16.197 min  
Delta R.T.: -0.020 min  
Response: 2592639  
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

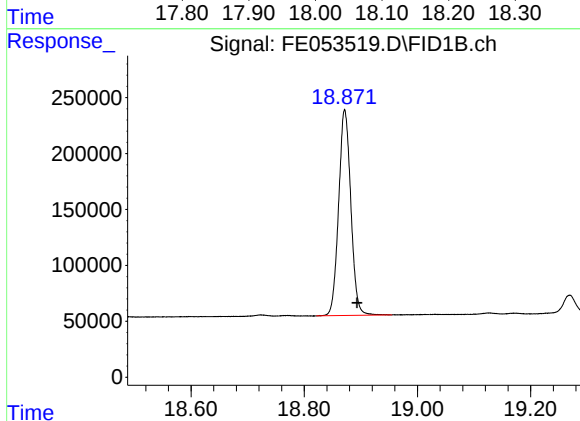
R.T.: 17.149 min  
Delta R.T.: -0.021 min  
Response: 2599289  
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

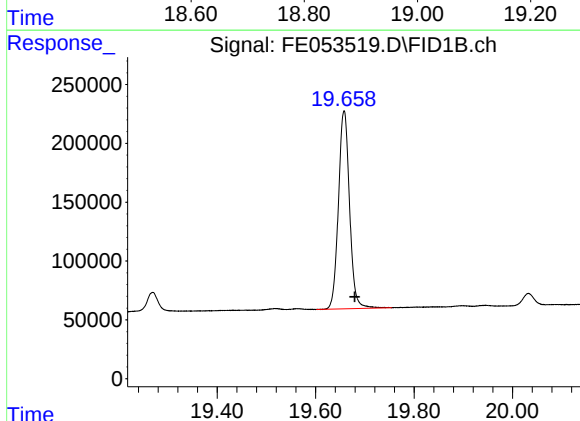
R.T.: 18.039 min  
Delta R.T.: -0.021 min  
Response: 2705174  
Conc: 19.43 ug/ml

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



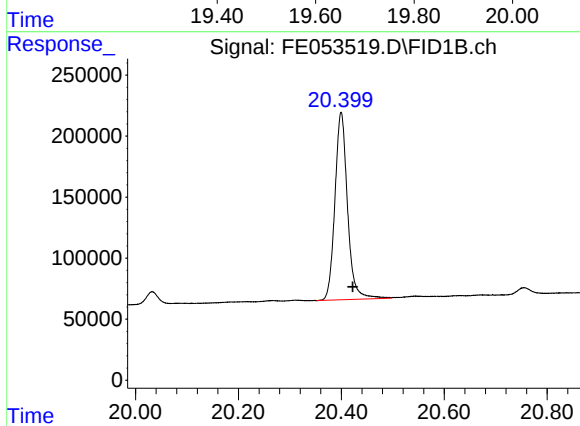
#18 n-Dotriacontane (C32)

R.T.: 18.872 min  
Delta R.T.: -0.022 min  
Response: 2749150  
Conc: 20.02 ug/ml



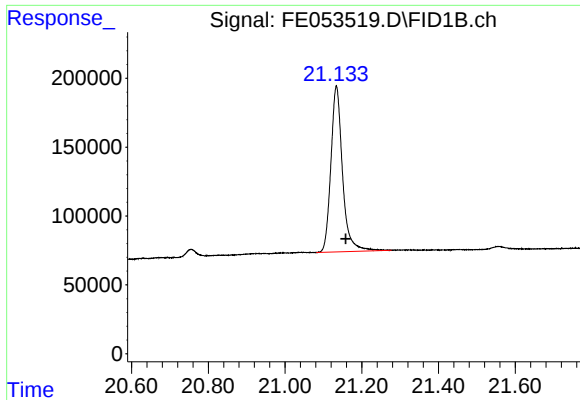
#19 n-Tetratriacontane (C34)

R.T.: 19.658 min  
Delta R.T.: -0.022 min  
Response: 2632106  
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

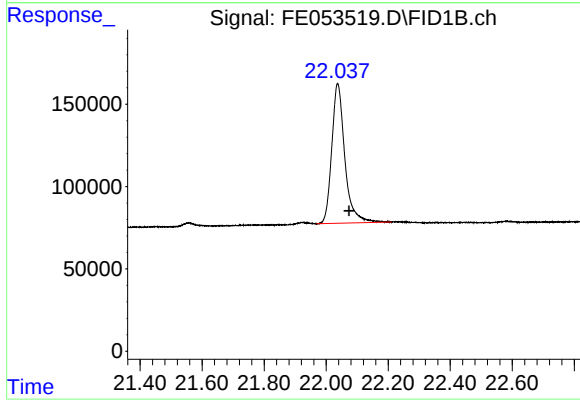
R.T.: 20.400 min  
Delta R.T.: -0.022 min  
Response: 2607112  
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min  
Delta R.T.: -0.024 min  
Response: 2524433  
Conc: 20.72 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.037 min  
Delta R.T.: -0.036 min  
Response: 2474805  
Conc: 20.72 ug/ml