

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072823AL\  
 Data File : FE043619.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Jul 2023 03:03  
 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: sample.E  
 Quant Time: Jul 29 04:26:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 13 03:02:53 2023  
 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)    | 11.884 | 3950489    | 22.062 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.12%       |
| 12) S 1-chlorooctadecane (S... | 13.320 | 2924291    | 22.256 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.51%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.261  | 3274769    | 21.448 ug/ml |
| 2) T n-Decane (C10)            | 4.514  | 3410824    | 21.879 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.226  | 3534011    | 21.962 ug/ml |
| 4) T n-Dodecane (C12)          | 6.685  | 3443148    | 21.851 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.323  | 3334384    | 21.974 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.514  | 3446771    | 21.792 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.121 | 3565730    | 22.033 ug/ml |
| 8) T n-Octadecane (C18)        | 11.565 | 3594412    | 22.049 ug/ml |
| 10) T n-Eicosane (C20)         | 12.874 | 3437826    | 22.127 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.487 | 3350774    | 22.117 ug/ml |
| 13) T n-Docosane (C22)         | 14.073 | 3337618    | 22.333 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.176 | 3270701    | 22.271 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.196 | 3211517    | 22.548 ug/ml |
| 16) T n-Octacosane (C28)       | 17.147 | 3221108    | 22.893 ug/ml |
| 17) T n-Tricontane (C30)       | 18.036 | 3467939    | 23.541 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.869 | 3547189    | 23.938 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.654 | 3401272    | 23.567 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.392 | 3241777    | 22.056 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.128 | 3191295    | 22.371 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.034 | 3196036    | 21.656 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

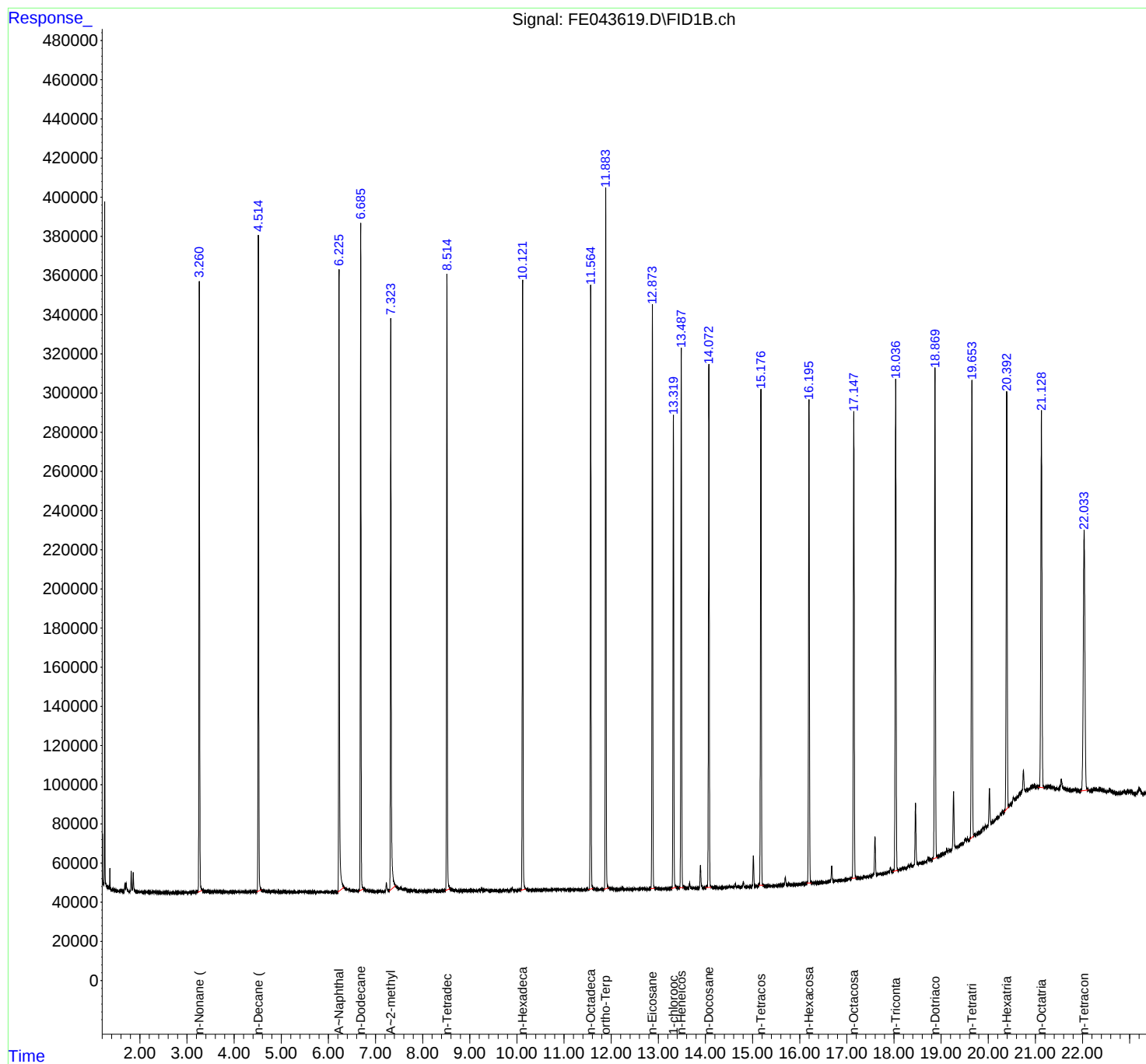
(m)=manual int.

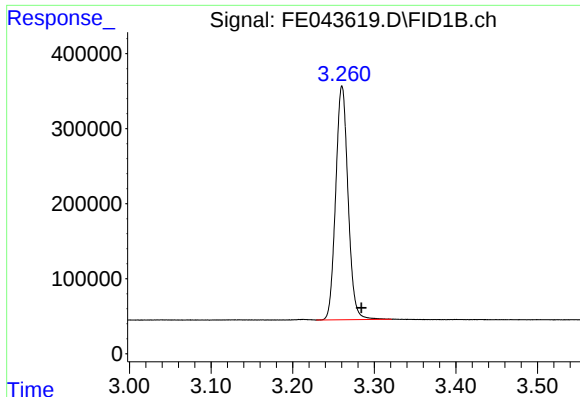
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072823AL\  
Data File : FE043619.D  
Signal(s) : FID1B.ch  
Acq On : 29 Jul 2023 03:03  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

Integration File: sample.E  
Quant Time: Jul 29 04:26:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 13 03:02:53 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

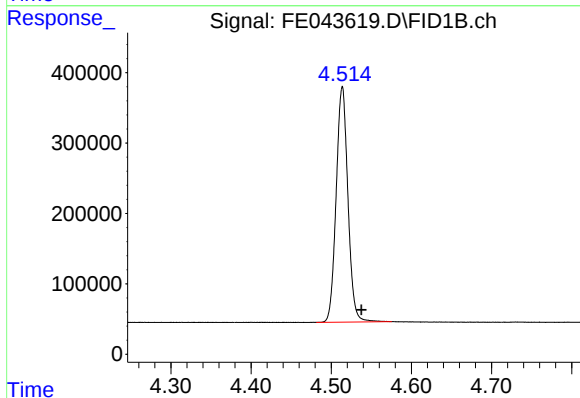




#1 n-Nonane (C9)

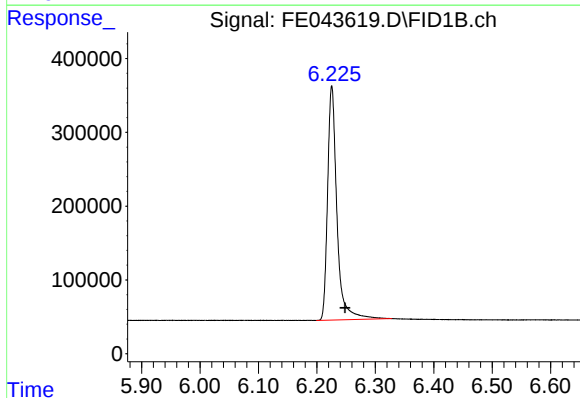
R.T.: 3.261 min  
Delta R.T.: -0.023 min  
Response: 3274769  
Conc: 21.45 ug/ml

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



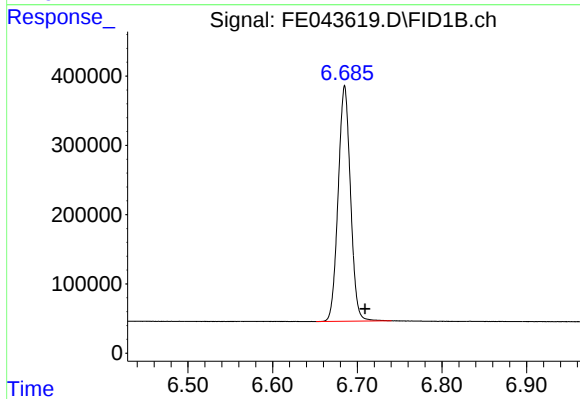
#2 n-Decane (C10)

R.T.: 4.514 min  
Delta R.T.: -0.024 min  
Response: 3410824  
Conc: 21.88 ug/ml



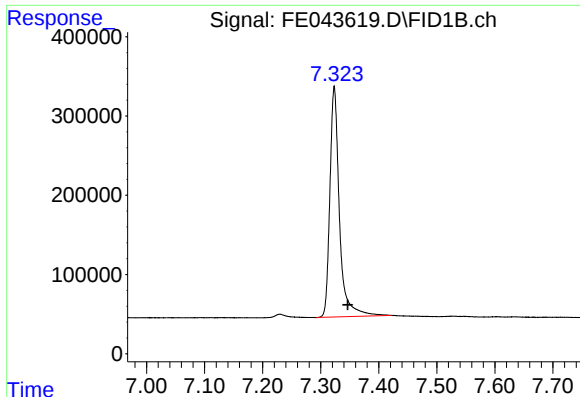
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min  
Delta R.T.: -0.022 min  
Response: 3534011  
Conc: 21.96 ug/ml



#4 n-Dodecane (C12)

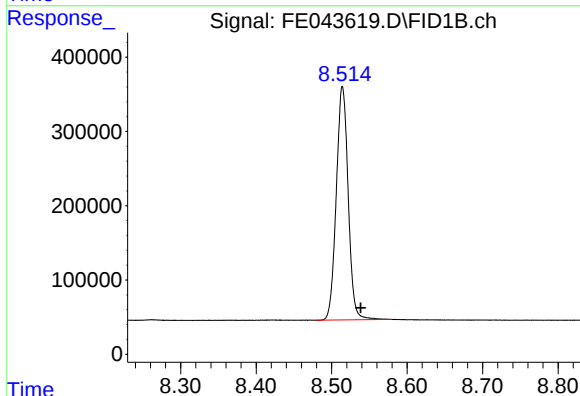
R.T.: 6.685 min  
Delta R.T.: -0.024 min  
Response: 3443148  
Conc: 21.85 ug/ml



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

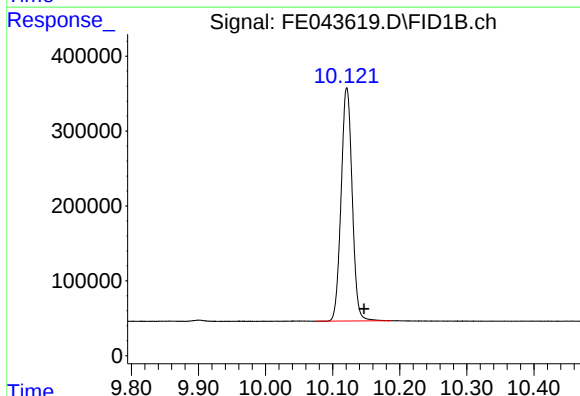
R.T.: 7.323 min  
Delta R.T.: -0.023 min  
Response: 3334384  
Conc: 21.97 ug/ml

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



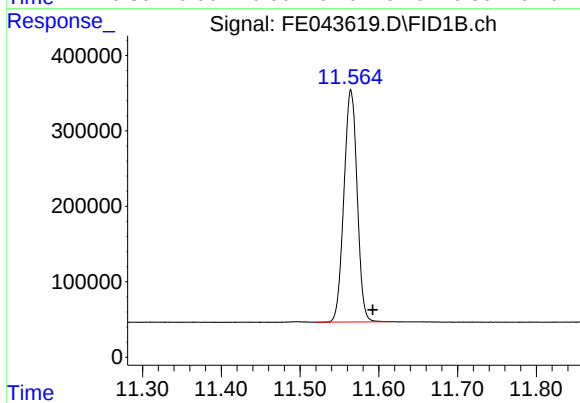
#6 n-Tetradecane (C14)

R.T.: 8.514 min  
Delta R.T.: -0.024 min  
Response: 3446771  
Conc: 21.79 ug/ml



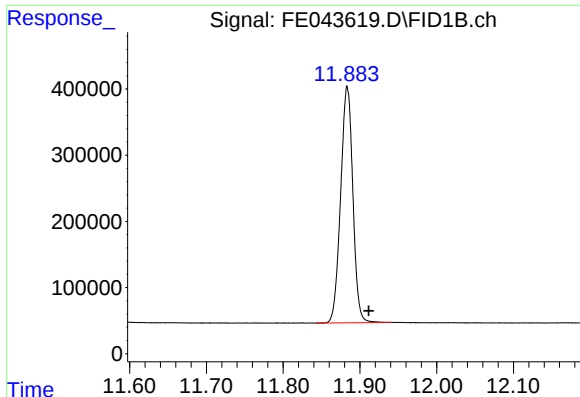
#7 n-Hexadecane (C16)

R.T.: 10.121 min  
Delta R.T.: -0.026 min  
Response: 3565730  
Conc: 22.03 ug/ml



#8 n-Octadecane (C18)

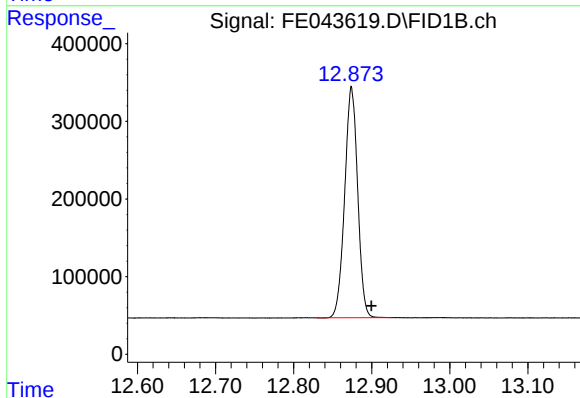
R.T.: 11.565 min  
Delta R.T.: -0.028 min  
Response: 3594412  
Conc: 22.05 ug/ml



#9 ortho-Terphenyl (SURR)

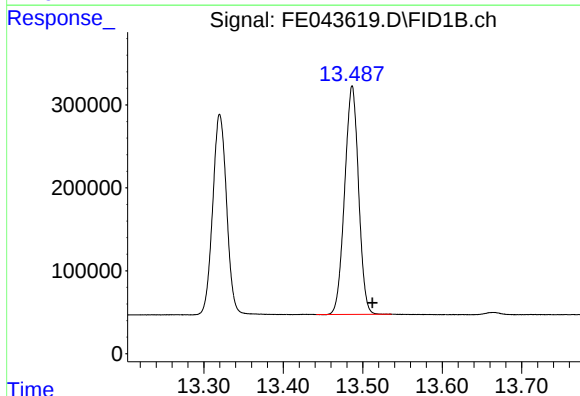
R.T.: 11.884 min  
Delta R.T.: -0.028 min  
Response: 3950489  
Conc: 22.06 ug/ml

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



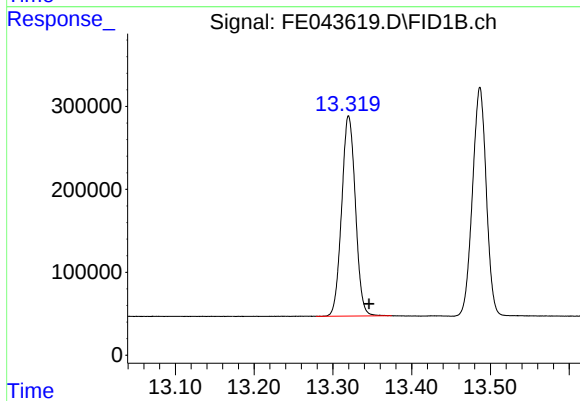
#10 n-Eicosane (C20)

R.T.: 12.874 min  
Delta R.T.: -0.026 min  
Response: 3437826  
Conc: 22.13 ug/ml



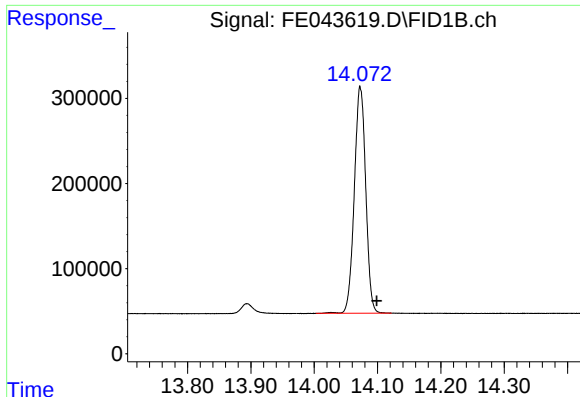
#11 n-Heneicosane (C21)

R.T.: 13.487 min  
Delta R.T.: -0.025 min  
Response: 3350774  
Conc: 22.12 ug/ml



#12 1-chlorooctadecane (SURR)

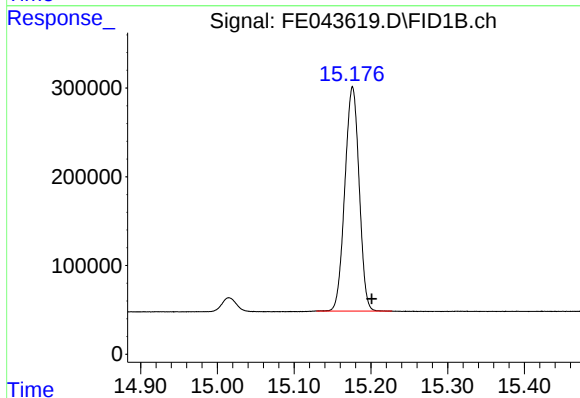
R.T.: 13.320 min  
Delta R.T.: -0.026 min  
Response: 2924291  
Conc: 22.26 ug/ml



#13 n-Docosane (C22)

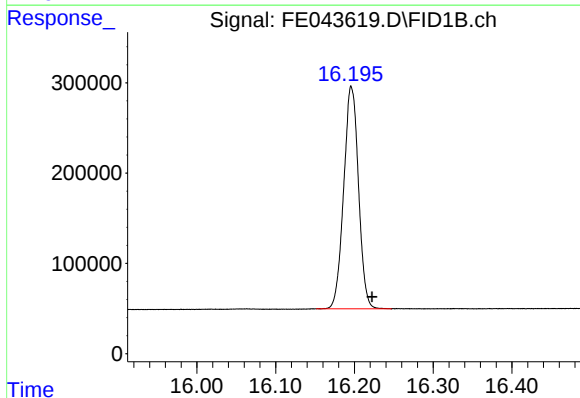
R.T.: 14.073 min  
Delta R.T.: -0.026 min  
Response: 3337618  
Conc: 22.33 ug/ml

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



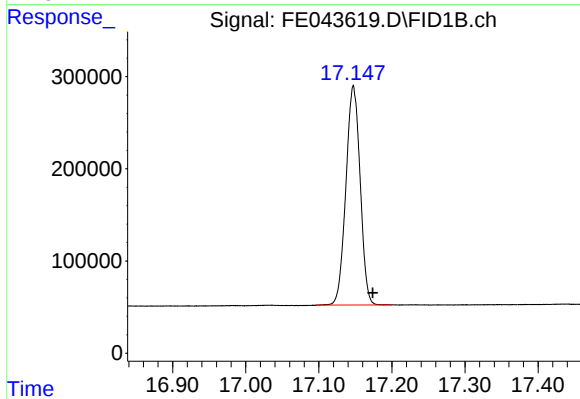
#14 n-Tetracosane (C24)

R.T.: 15.176 min  
Delta R.T.: -0.025 min  
Response: 3270701  
Conc: 22.27 ug/ml



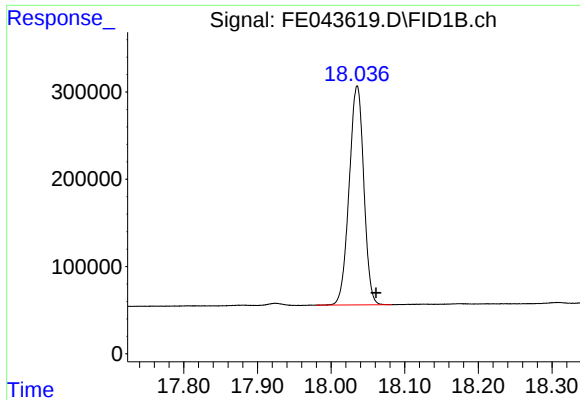
#15 n-Hexacosane (C26)

R.T.: 16.196 min  
Delta R.T.: -0.027 min  
Response: 3211517  
Conc: 22.55 ug/ml



#16 n-Octacosane (C28)

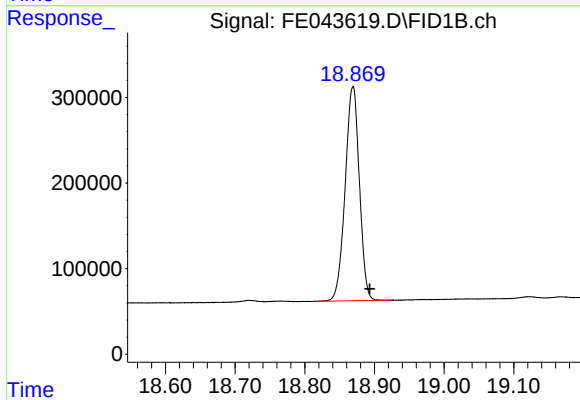
R.T.: 17.147 min  
Delta R.T.: -0.026 min  
Response: 3221108  
Conc: 22.89 ug/ml



#17 n-Tricontane (C30)

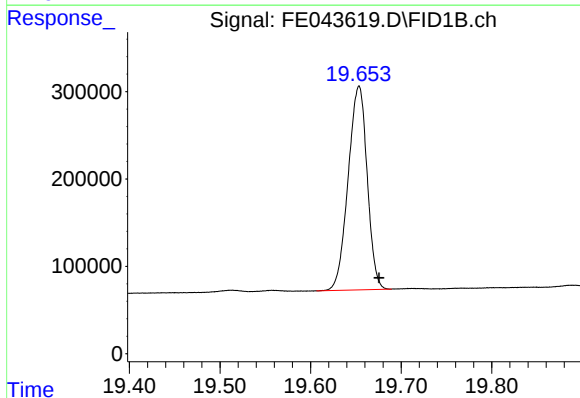
R.T.: 18.036 min  
Delta R.T.: -0.026 min  
Response: 3467939  
Conc: 23.54 ug/ml

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



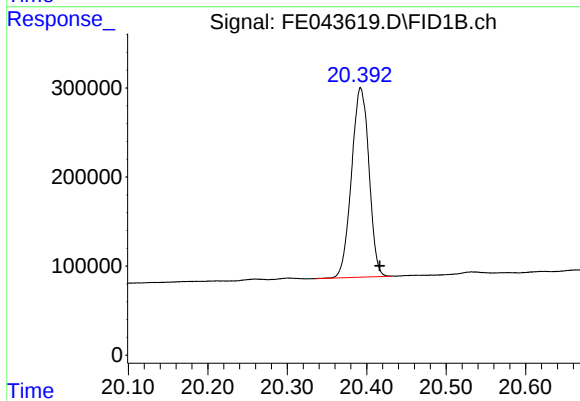
#18 n-Dotriacontane (C32)

R.T.: 18.869 min  
Delta R.T.: -0.024 min  
Response: 3547189  
Conc: 23.94 ug/ml



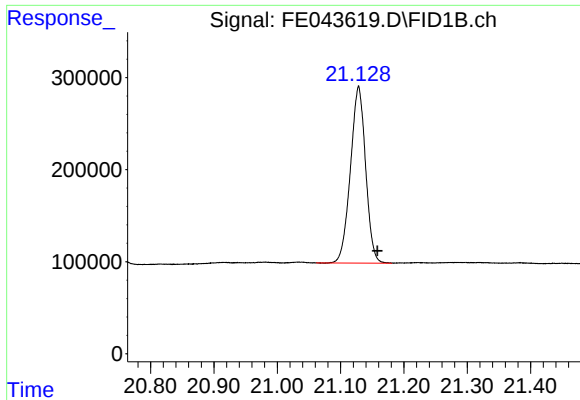
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min  
Delta R.T.: -0.022 min  
Response: 3401272  
Conc: 23.57 ug/ml



#20 n-Hexatriacontane (C36)

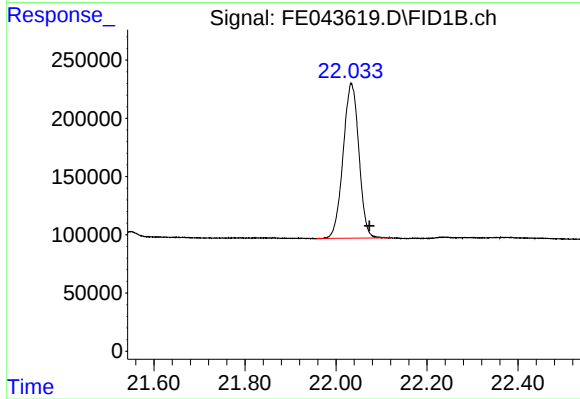
R.T.: 20.392 min  
Delta R.T.: -0.024 min  
Response: 3241777  
Conc: 22.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min  
Delta R.T.: -0.030 min  
Response: 3191295  
Conc: 22.37 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.034 min  
Delta R.T.: -0.040 min  
Response: 3196036  
Conc: 21.66 ug/ml