

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012025AL\  
 Data File : FE051978.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Jan 2025 21:18  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 21 01:07:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 16 16:05:07 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)    | 12.223 | 2786576    | 19.497 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.99%       |
| 12) S 1-chlorooctadecane (S... | 13.641 | 2159279    | 18.823 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.65%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.664f | 2149153    | 20.159 ug/ml |
| 2) T n-Decane (C10)            | 4.899  | 2287774    | 20.897 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.604  | 2588342    | 21.300 ug/ml |
| 4) T n-Dodecane (C12)          | 7.039  | 2393711    | 21.209 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.689  | 2553272    | 21.387 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.855  | 2444199    | 21.015 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.453 | 2562053    | 20.314 ug/ml |
| 8) T n-Octadecane (C18)        | 11.890 | 2599968    | 19.651 ug/ml |
| 10) T n-Eicosane (C20)         | 13.195 | 2511411    | 19.157 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.804 | 2461873    | 18.914 ug/ml |
| 13) T n-Docosane (C22)         | 14.388 | 2470446    | 18.824 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.487 | 2492601    | 18.765 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.503 | 2473501    | 18.712 ug/ml |
| 16) T n-Octacosane (C28)       | 17.449 | 2485362    | 18.831 ug/ml |
| 17) T n-Tricontane (C30)       | 18.335 | 2651510    | 19.448 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.164 | 2545998    | 19.427 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.944 | 2297362    | 20.406 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.682 | 2183888    | 22.993 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.481 | 1566932    | 18.140 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.501 | 2500212    | 30.338 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

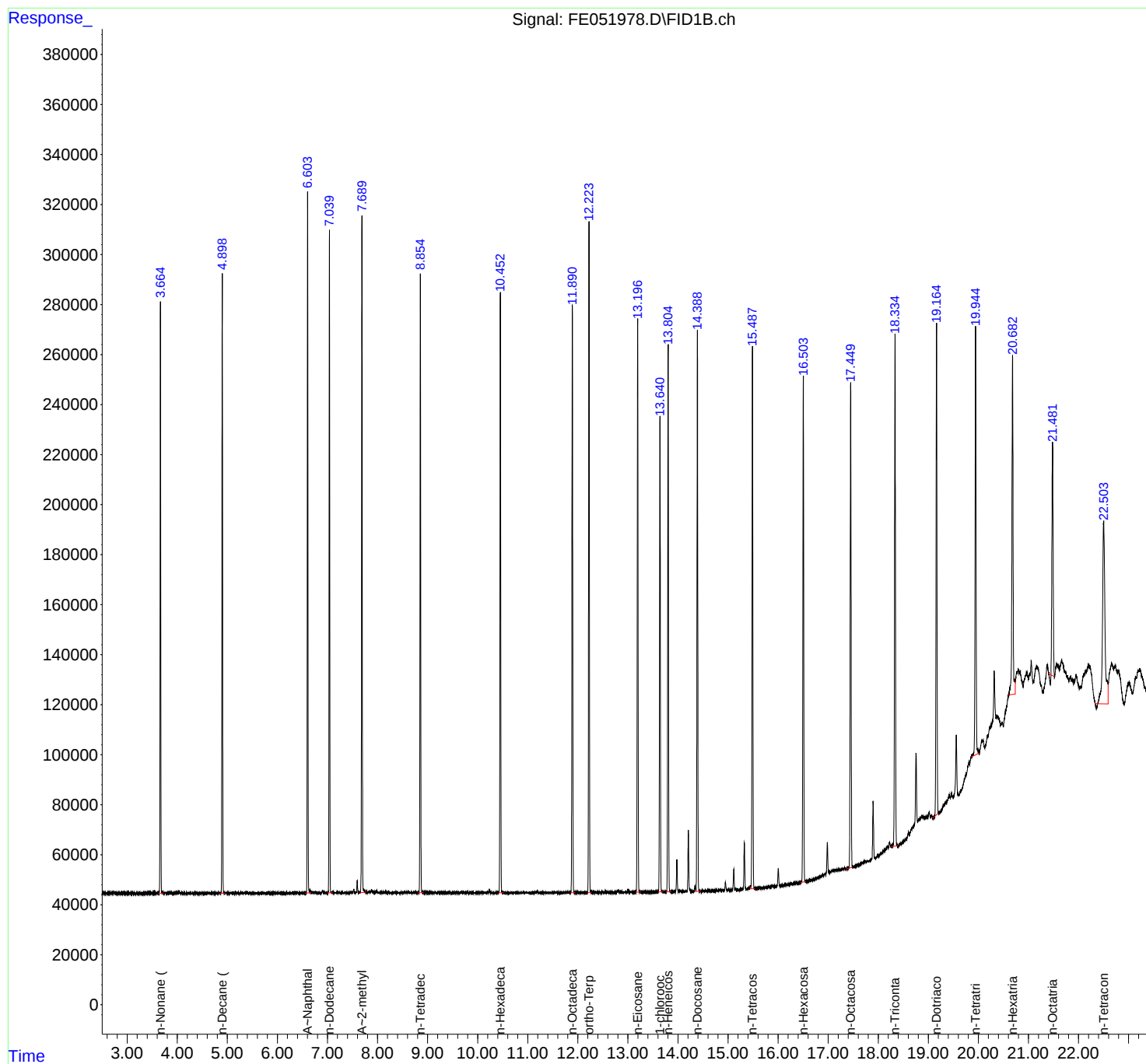
(m)=manual int.

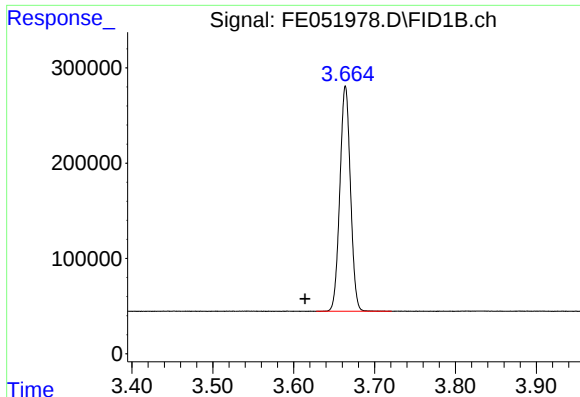
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012025AL\  
Data File : FE051978.D  
Signal(s) : FID1B.ch  
Acq On : 20 Jan 2025 21:18  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Jan 21 01:07:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 16 16:05:07 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

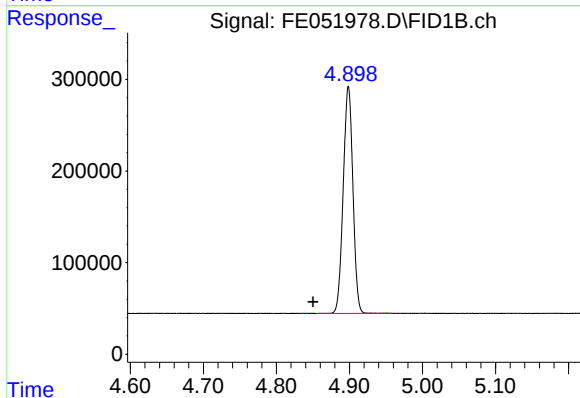




#1 n-Nonane (C9)

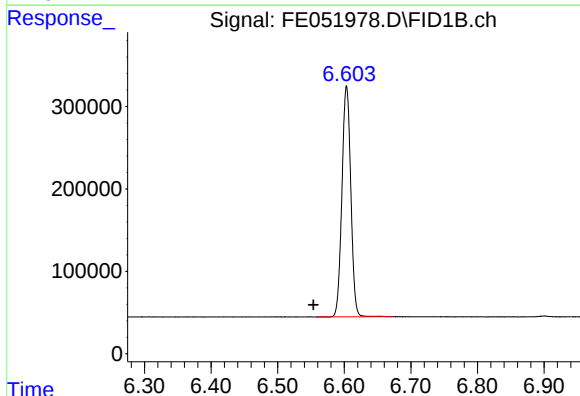
R.T.: 3.664 min  
Delta R.T.: 0.050 min  
Response: 2149153  
Conc: 20.16 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



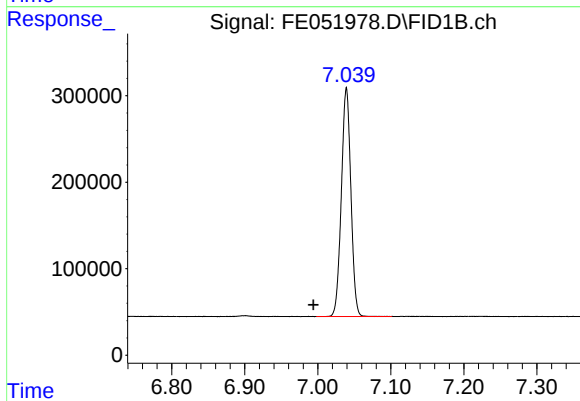
#2 n-Decane (C10)

R.T.: 4.899 min  
Delta R.T.: 0.048 min  
Response: 2287774  
Conc: 20.90 ug/ml



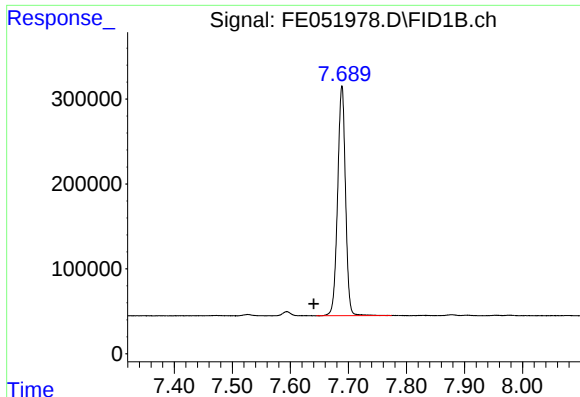
#3 A~Naphthalene (C11.7)

R.T.: 6.604 min  
Delta R.T.: 0.050 min  
Response: 2588342  
Conc: 21.30 ug/ml



#4 n-Dodecane (C12)

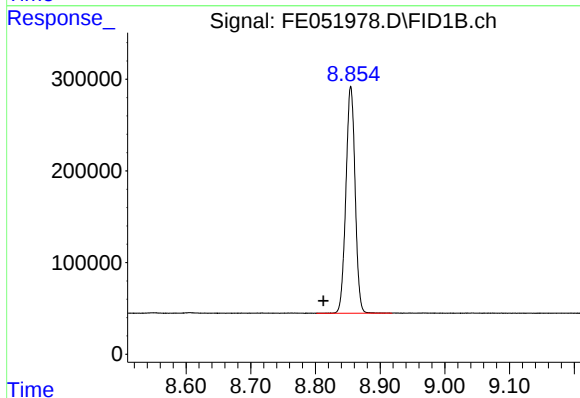
R.T.: 7.039 min  
Delta R.T.: 0.045 min  
Response: 2393711  
Conc: 21.21 ug/ml



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

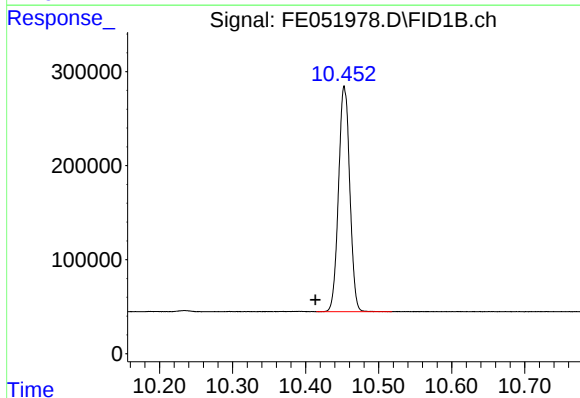
R.T.: 7.689 min  
Delta R.T.: 0.048 min  
Response: 2553272  
Conc: 21.39 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



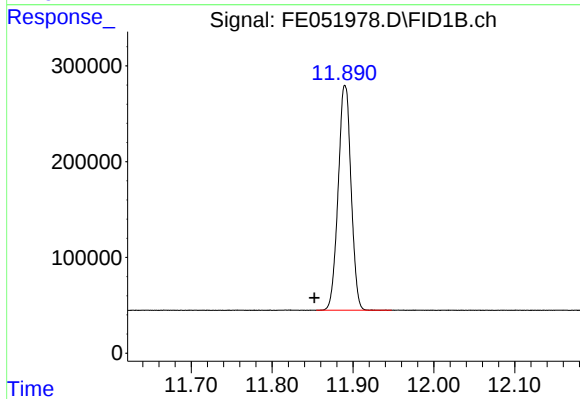
#6 n-Tetradecane (C14)

R.T.: 8.855 min  
Delta R.T.: 0.042 min  
Response: 2444199  
Conc: 21.01 ug/ml



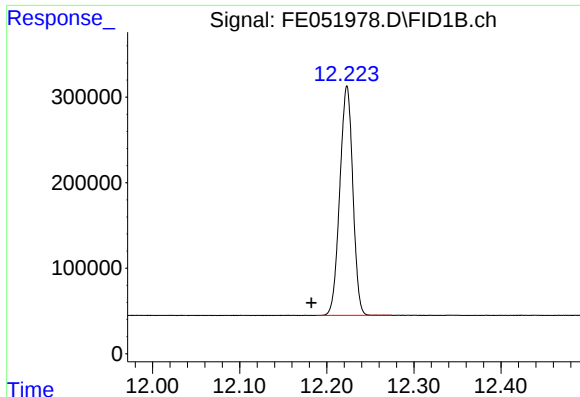
#7 n-Hexadecane (C16)

R.T.: 10.453 min  
Delta R.T.: 0.040 min  
Response: 2562053  
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

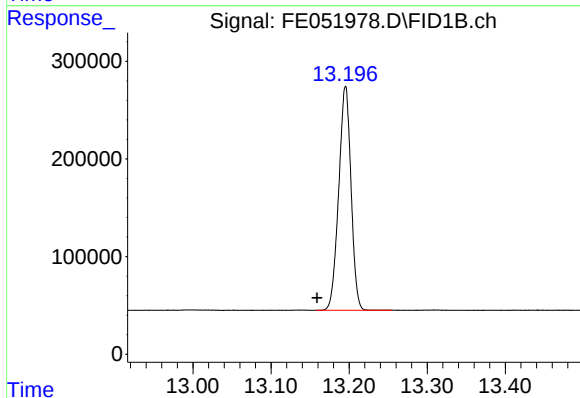
R.T.: 11.890 min  
Delta R.T.: 0.038 min  
Response: 2599968  
Conc: 19.65 ug/ml



#9 ortho-Terphenyl (SURR)

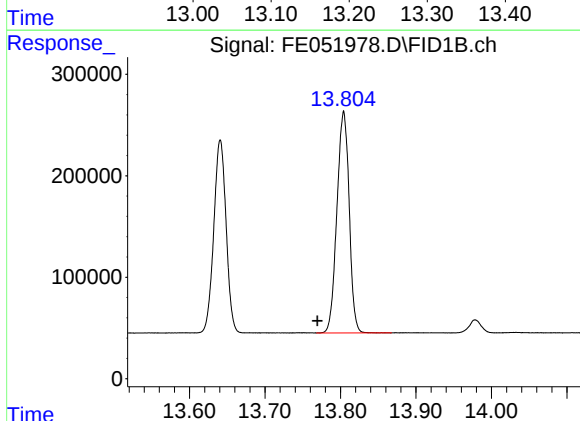
R.T.: 12.223 min  
Delta R.T.: 0.041 min  
Response: 2786576  
Conc: 19.50 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



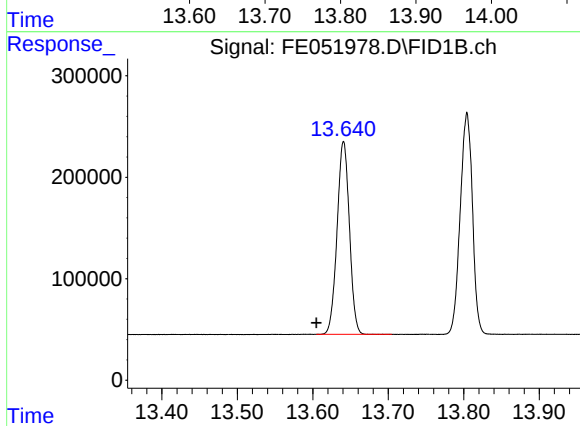
#10 n-Eicosane (C20)

R.T.: 13.195 min  
Delta R.T.: 0.036 min  
Response: 2511411  
Conc: 19.16 ug/ml



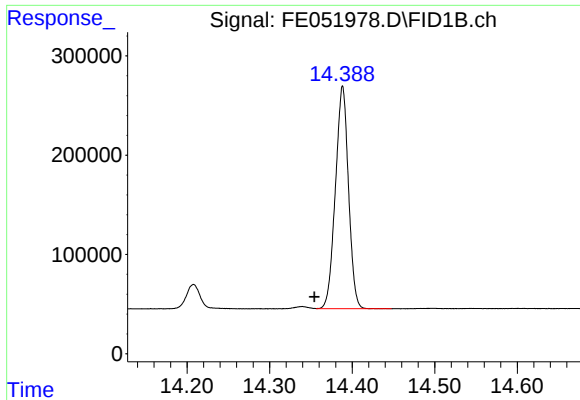
#11 n-Heneicosane (C21)

R.T.: 13.804 min  
Delta R.T.: 0.035 min  
Response: 2461873  
Conc: 18.91 ug/ml



#12 1-chlorooctadecane (SURR)

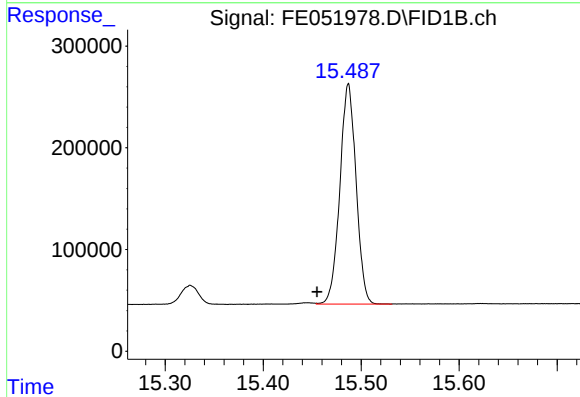
R.T.: 13.641 min  
Delta R.T.: 0.036 min  
Response: 2159279  
Conc: 18.82 ug/ml



#13 n-Docosane (C22)

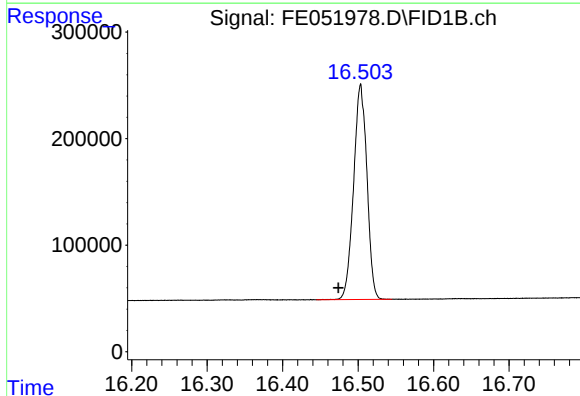
R.T.: 14.388 min  
Delta R.T.: 0.034 min  
Response: 2470446  
Conc: 18.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



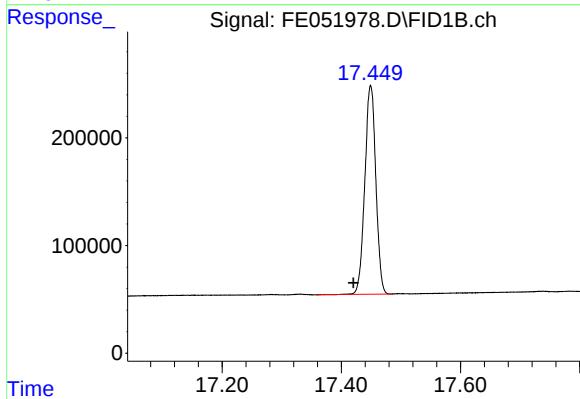
#14 n-Tetracosane (C24)

R.T.: 15.487 min  
Delta R.T.: 0.032 min  
Response: 2492601  
Conc: 18.77 ug/ml



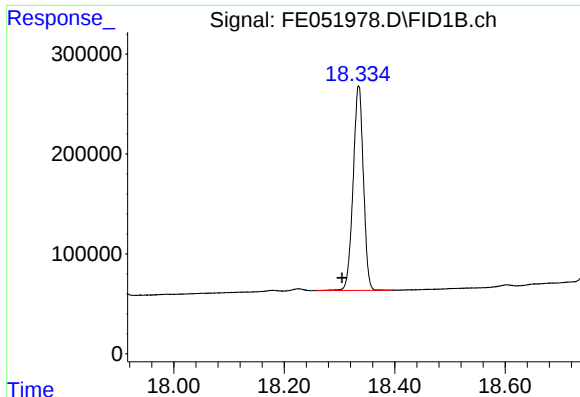
#15 n-Hexacosane (C26)

R.T.: 16.503 min  
Delta R.T.: 0.030 min  
Response: 2473501  
Conc: 18.71 ug/ml



#16 n-Octacosane (C28)

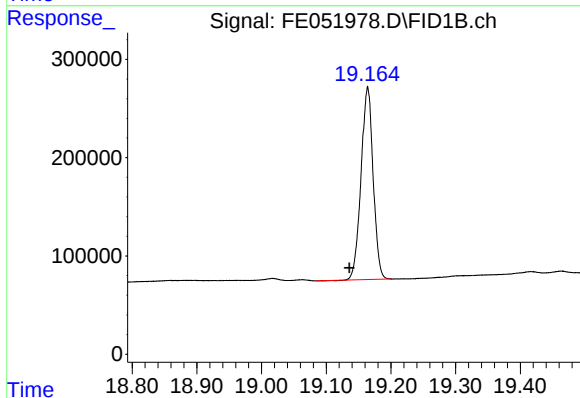
R.T.: 17.449 min  
Delta R.T.: 0.029 min  
Response: 2485362  
Conc: 18.83 ug/ml



#17 n-Tricontane (C30)

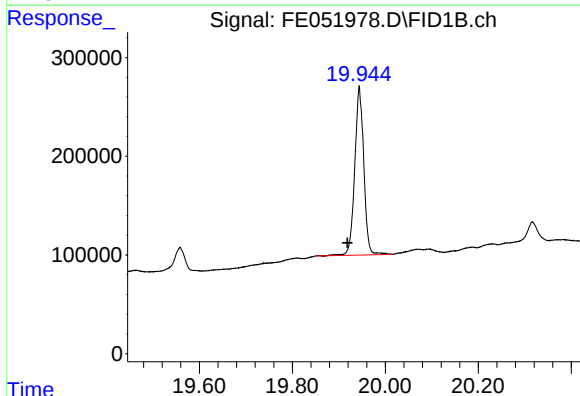
R.T.: 18.335 min  
Delta R.T.: 0.030 min  
Response: 2651510  
Conc: 19.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



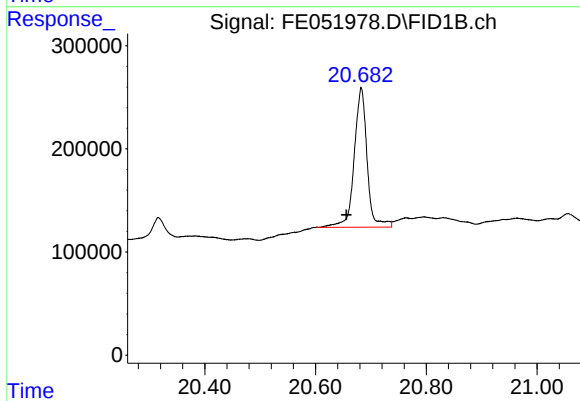
#18 n-Dotriacontane (C32)

R.T.: 19.164 min  
Delta R.T.: 0.028 min  
Response: 2545998  
Conc: 19.43 ug/ml



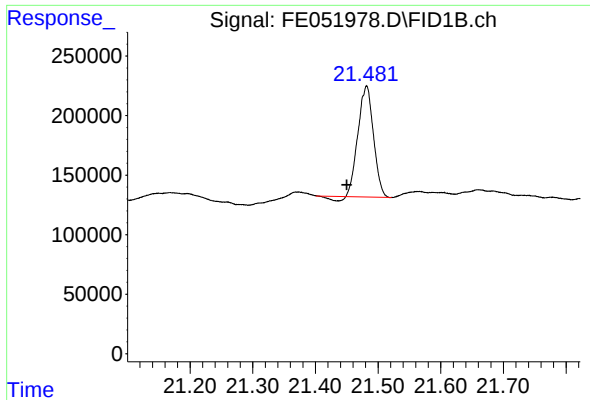
#19 n-Tetratriacontane (C34)

R.T.: 19.944 min  
Delta R.T.: 0.026 min  
Response: 2297362  
Conc: 20.41 ug/ml



#20 n-Hexatriacontane (C36)

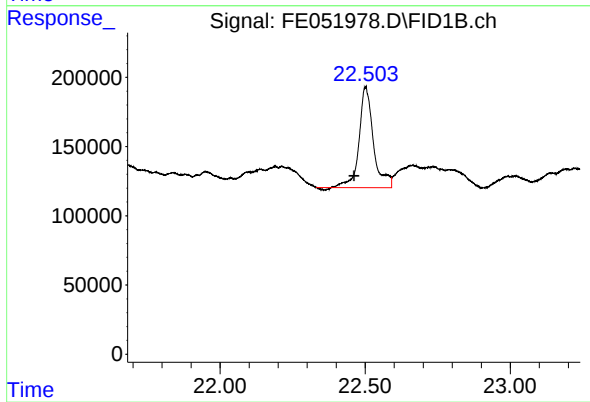
R.T.: 20.682 min  
Delta R.T.: 0.027 min  
Response: 2183888  
Conc: 22.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.481 min  
Delta R.T.: 0.031 min  
Response: 1566932  
Conc: 18.14 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.501 min  
Delta R.T.: 0.039 min  
Response: 2500212  
Conc: 30.34 ug/ml