

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102022AL\  
 Data File : FE038251.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Oct 2022 00:09  
 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: Oct 21 04:07:30 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 092822.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 28 06:23:29 2022  
 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)    | 11.601 | 3123140    | 18.057 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.11%       |
| 12) S 1-chlorooctadecane (S... | 13.024 | 2432621    | 17.998 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.992  | 2990595    | 20.305 ug/ml |
| 2) T n-Decane (C10)            | 4.250  | 3085596    | 20.870 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.973  | 2904855    | 21.212 ug/ml |
| 4) T n-Dodecane (C12)          | 6.424  | 3148203    | 20.660 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.068  | 2772275    | 20.859 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.243  | 3113968    | 20.346 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.843  | 3093426    | 19.804 ug/ml |
| 8) T n-Octadecane (C18)        | 11.277 | 3049101    | 19.009 ug/ml |
| 10) T n-Eicosane (C20)         | 12.579 | 2970311    | 18.215 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.189 | 2926426    | 17.761 ug/ml |
| 13) T n-Docosane (C22)         | 13.772 | 2887313    | 17.540 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.868 | 2801999    | 17.085 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.885 | 2755200    | 16.897 ug/ml |
| 16) T n-Octacosane (C28)       | 16.830 | 2751748    | 17.177 ug/ml |
| 17) T n-Tricontane (C30)       | 17.714 | 2876338    | 17.974 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.544 | 2882132    | 18.303 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.323 | 2818138    | 19.021 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.060 | 2988743    | 20.731 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.758 | 3331539    | 24.551 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.527 | 3467828    | 27.242 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

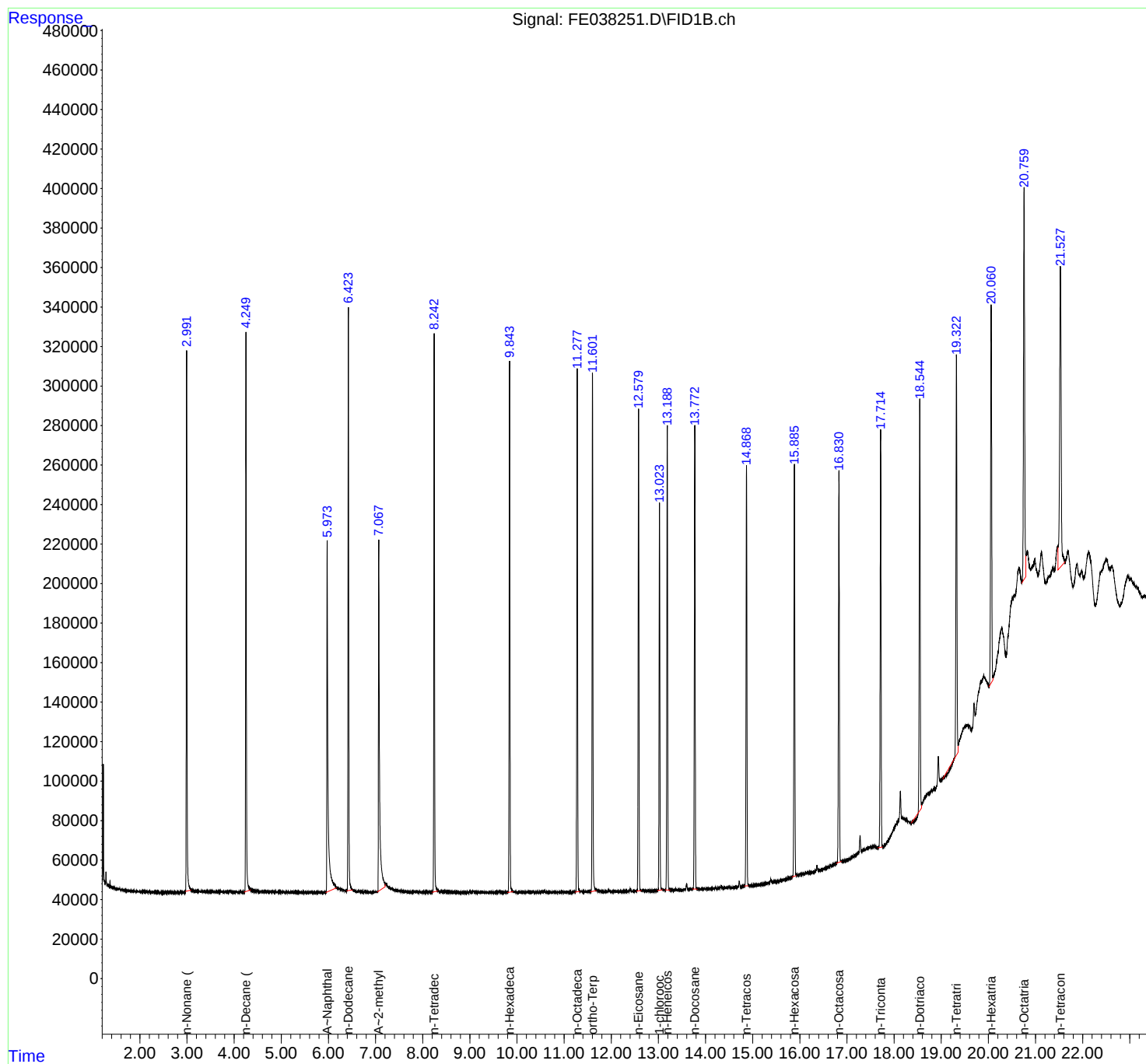
(m)=manual int.

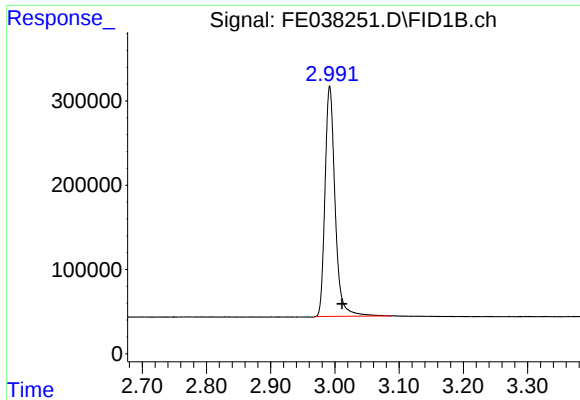
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102022AL\  
Data File : FE038251.D  
Signal(s) : FID1B.ch  
Acq On : 21 Oct 2022 00:09  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Oct 21 04:07:30 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 092822.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 28 06:23:29 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

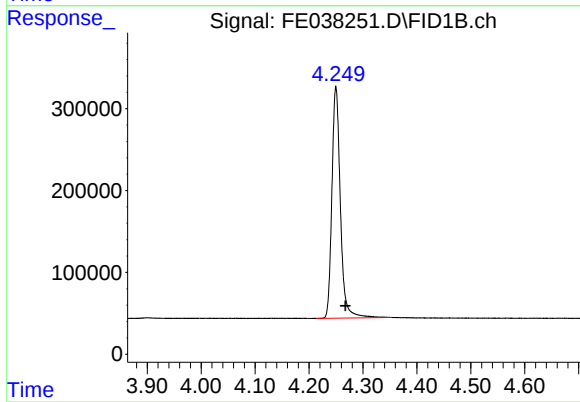




#1 n-Nonane (C9)

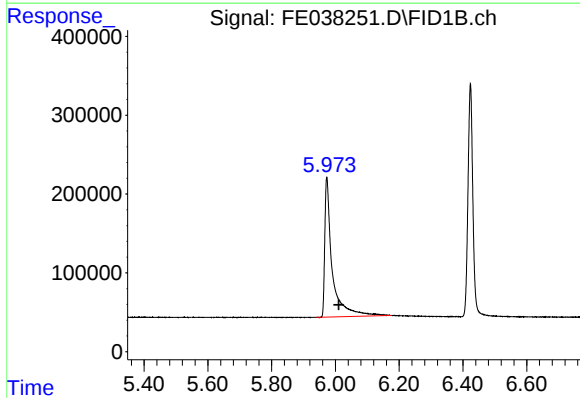
R.T.: 2.992 min  
Delta R.T.: -0.019 min  
Response: 2990595  
Conc: 20.31 ug/ml

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



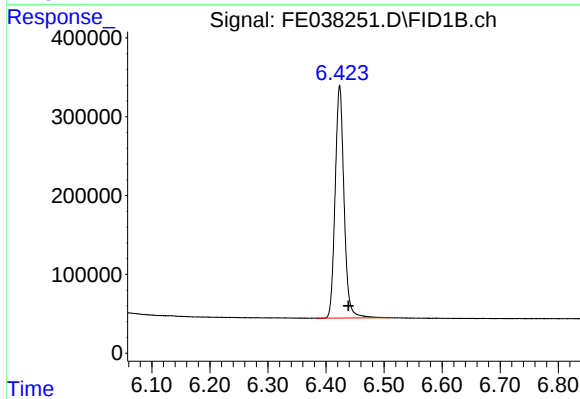
#2 n-Decane (C10)

R.T.: 4.250 min  
Delta R.T.: -0.018 min  
Response: 3085596  
Conc: 20.87 ug/ml



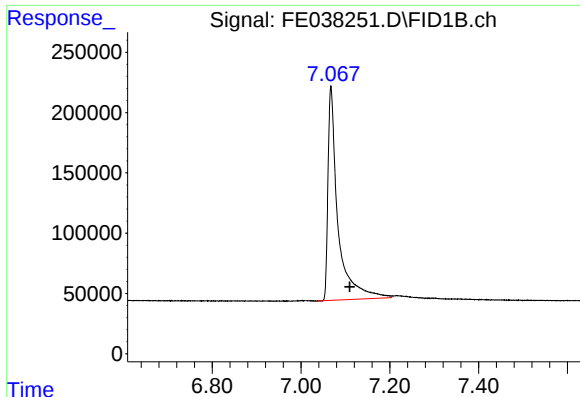
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min  
Delta R.T.: -0.038 min  
Response: 2904855  
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

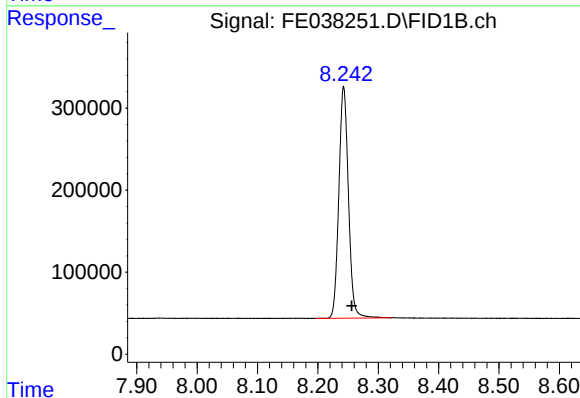
R.T.: 6.424 min  
Delta R.T.: -0.015 min  
Response: 3148203  
Conc: 20.66 ug/ml



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

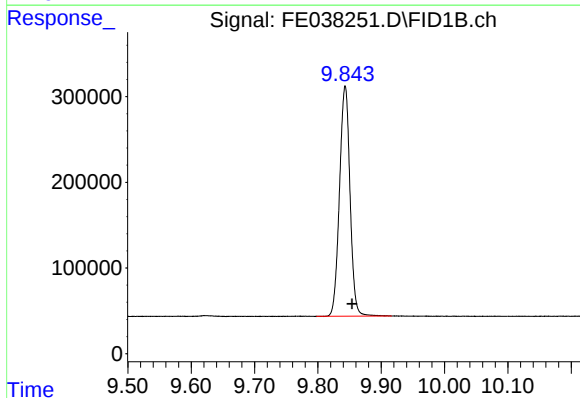
R.T.: 7.068 min  
Delta R.T.: -0.042 min  
Response: 2772275  
Conc: 20.86 ug/ml

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



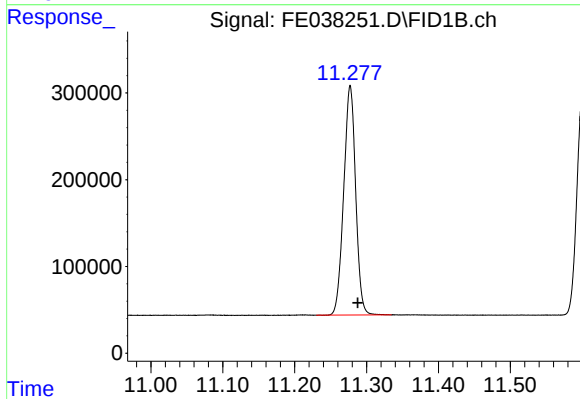
#6 n-Tetradecane (C14)

R.T.: 8.243 min  
Delta R.T.: -0.013 min  
Response: 3113968  
Conc: 20.35 ug/ml



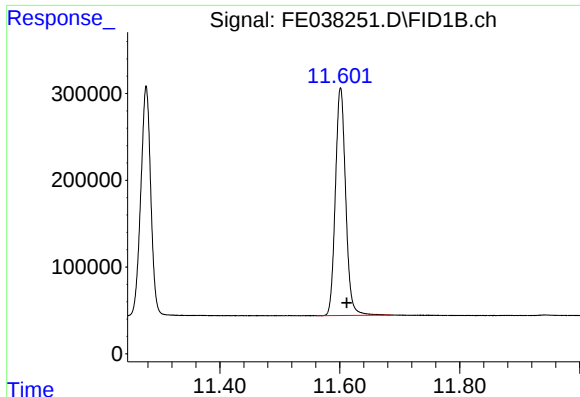
#7 n-Hexadecane (C16)

R.T.: 9.843 min  
Delta R.T.: -0.011 min  
Response: 3093426  
Conc: 19.80 ug/ml



#8 n-Octadecane (C18)

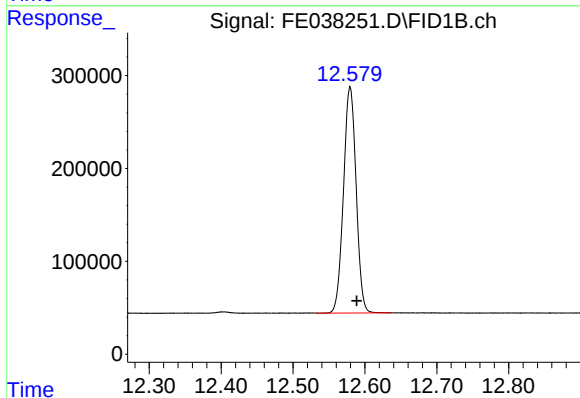
R.T.: 11.277 min  
Delta R.T.: -0.011 min  
Response: 3049101  
Conc: 19.01 ug/ml



#9 ortho-Terphenyl (SURR)

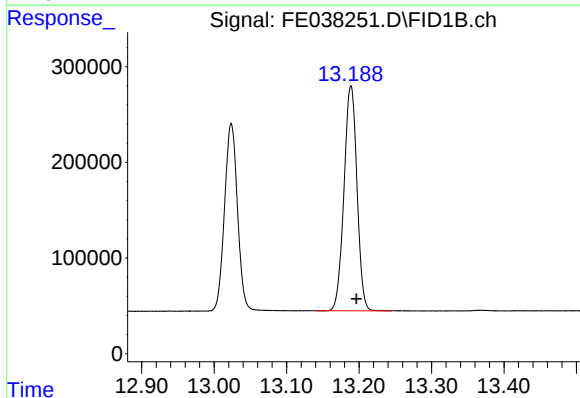
R.T.: 11.601 min  
Delta R.T.: -0.010 min  
Response: 3123140  
Conc: 18.06 ug/ml

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



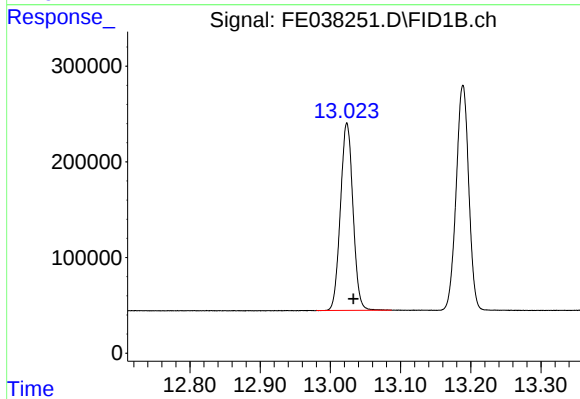
#10 n-Eicosane (C20)

R.T.: 12.579 min  
Delta R.T.: -0.009 min  
Response: 2970311  
Conc: 18.21 ug/ml



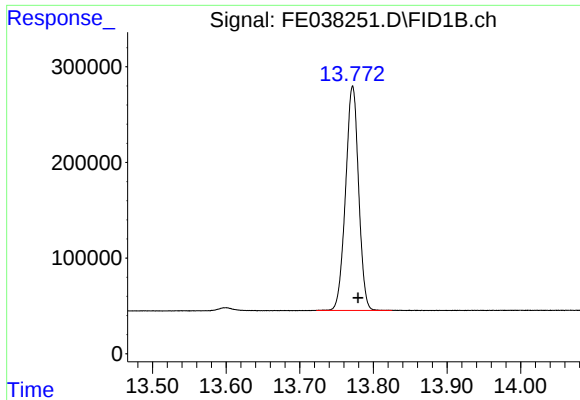
#11 n-Heneicosane (C21)

R.T.: 13.189 min  
Delta R.T.: -0.007 min  
Response: 2926426  
Conc: 17.76 ug/ml



#12 1-chlorooctadecane (SURR)

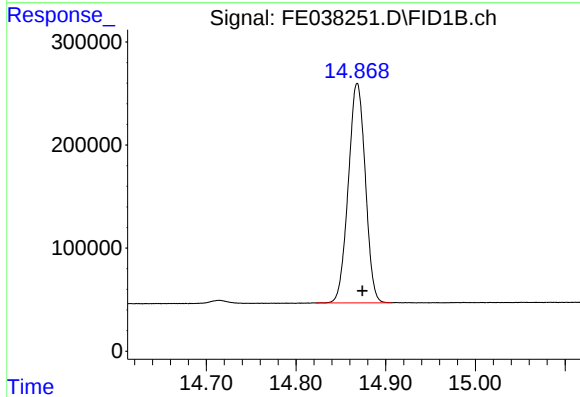
R.T.: 13.024 min  
Delta R.T.: -0.009 min  
Response: 2432621  
Conc: 18.00 ug/ml



#13 n-Docosane (C22)

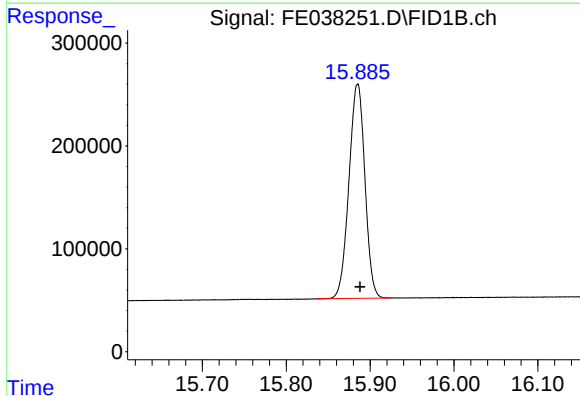
R.T.: 13.772 min  
Delta R.T.: -0.007 min  
Response: 2887313  
Conc: 17.54 ug/ml

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



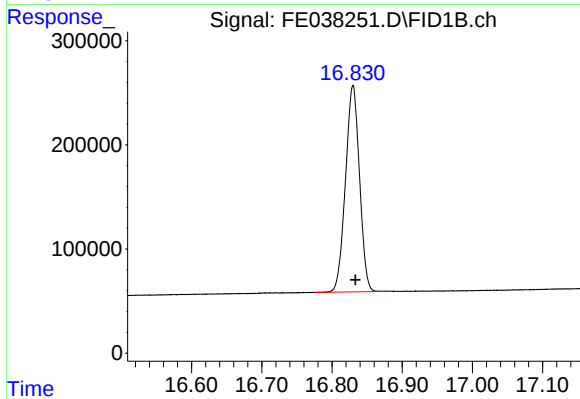
#14 n-Tetracosane (C24)

R.T.: 14.868 min  
Delta R.T.: -0.006 min  
Response: 2801999  
Conc: 17.08 ug/ml



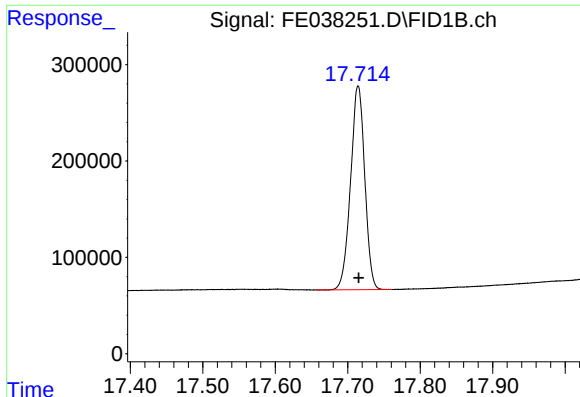
#15 n-Hexacosane (C26)

R.T.: 15.885 min  
Delta R.T.: -0.003 min  
Response: 2755200  
Conc: 16.90 ug/ml



#16 n-Octacosane (C28)

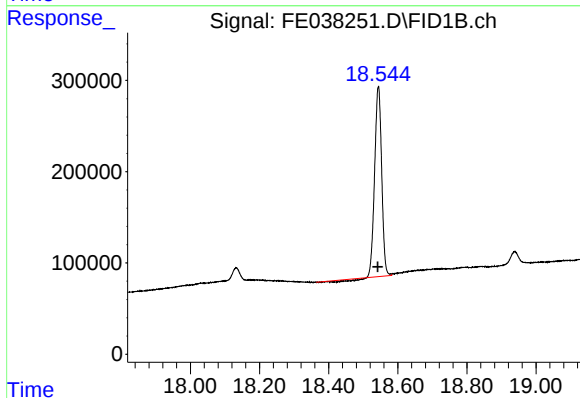
R.T.: 16.830 min  
Delta R.T.: -0.004 min  
Response: 2751748  
Conc: 17.18 ug/ml



#17 n-Tricontane (C30)

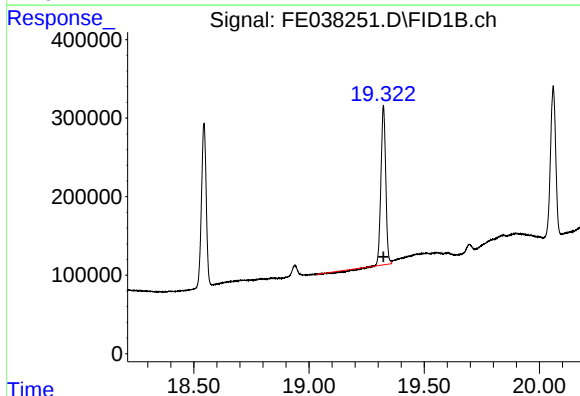
R.T.: 17.714 min  
Delta R.T.: 0.000 min  
Response: 2876338  
Conc: 17.97 ug/ml

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



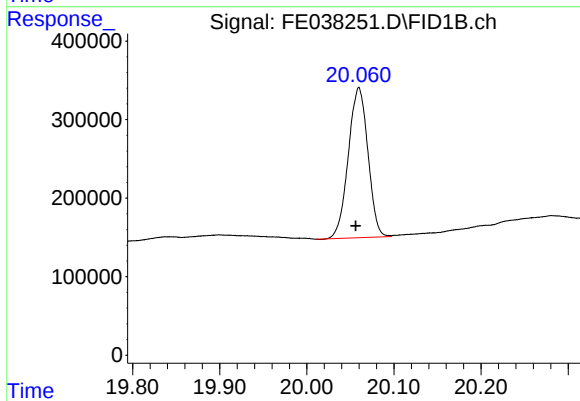
#18 n-Dotriacontane (C32)

R.T.: 18.544 min  
Delta R.T.: 0.002 min  
Response: 2882132  
Conc: 18.30 ug/ml



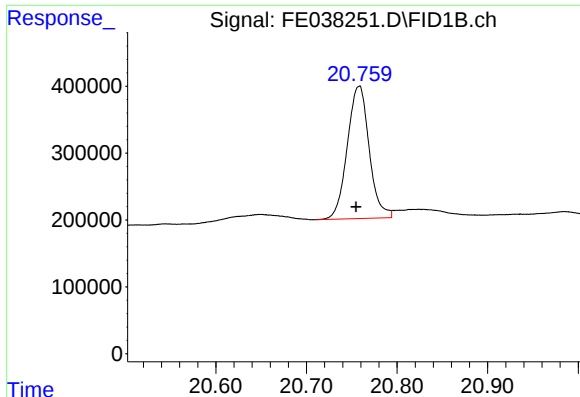
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min  
Delta R.T.: 0.000 min  
Response: 2818138  
Conc: 19.02 ug/ml



#20 n-Hexatriacontane (C36)

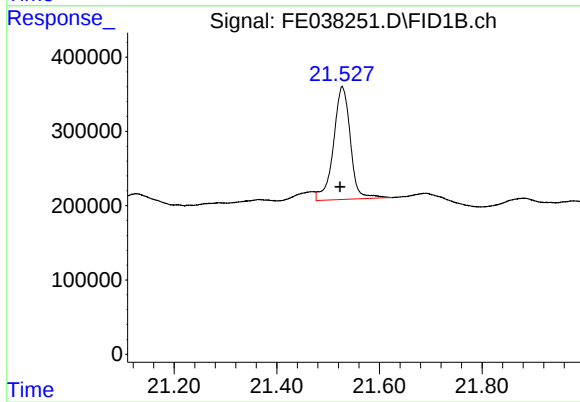
R.T.: 20.060 min  
Delta R.T.: 0.004 min  
Response: 2988743  
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.758 min  
Delta R.T.: 0.004 min  
Response: 3331539  
Conc: 24.55 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.527 min  
Delta R.T.: 0.004 min  
Response: 3467828  
Conc: 27.24 ug/ml