

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051023AL\  
 Data File : FE041849.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 May 2023 21:07  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 11 01:06:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 07:33:51 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)    | 11.967 | 3346251    | 17.836 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.67%       |
| 12) S 1-chlorooctadecane (S... | 13.403 | 2475301    | 17.522 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.04%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.347  | 2602770    | 17.706 ug/ml |
| 2) T n-Decane (C10)            | 4.600  | 2719184    | 18.130 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.305  | 3006068    | 18.165 ug/ml |
| 4) T n-Dodecane (C12)          | 6.768  | 2746048    | 18.061 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.402  | 2922208    | 18.123 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.597  | 2756125    | 18.144 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.205 | 2889161    | 18.104 ug/ml |
| 8) T n-Octadecane (C18)        | 11.649 | 2960988    | 18.064 ug/ml |
| 10) T n-Eicosane (C20)         | 12.958 | 2864711    | 17.810 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.571 | 2818205    | 17.683 ug/ml |
| 13) T n-Docosane (C22)         | 14.156 | 2812620    | 17.653 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.258 | 2819217    | 17.487 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.280 | 2750448    | 17.397 ug/ml |
| 16) T n-Octacosane (C28)       | 17.229 | 2747609    | 17.856 ug/ml |
| 17) T n-Tricontane (C30)       | 18.117 | 2913435    | 19.129 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.950 | 2884602    | 19.362 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.733 | 2709447    | 19.233 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.473 | 2520595    | 18.848 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.225 | 2450515    | 18.546 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.159 | 2431392    | 19.204 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

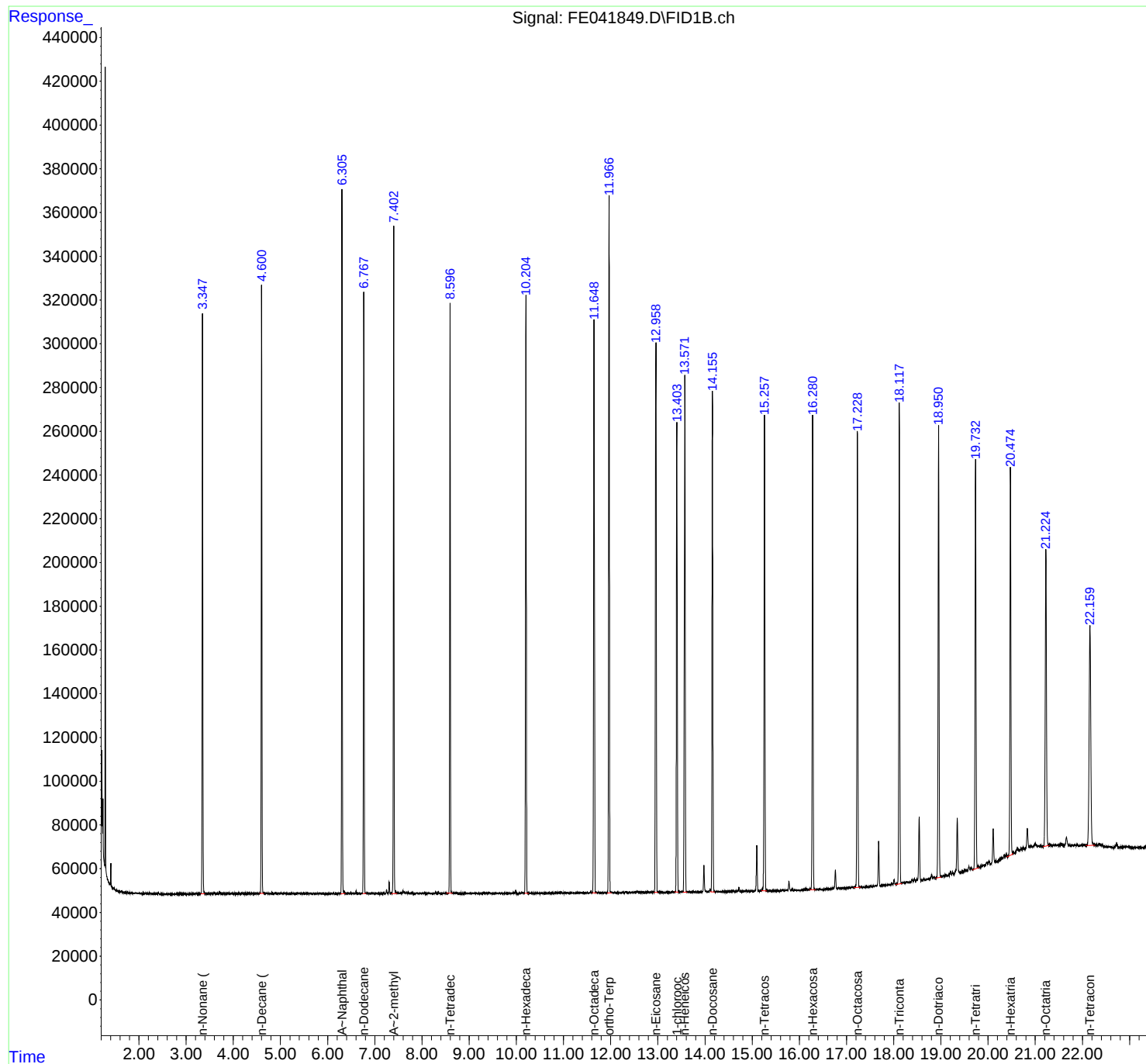
(m)=manual int.

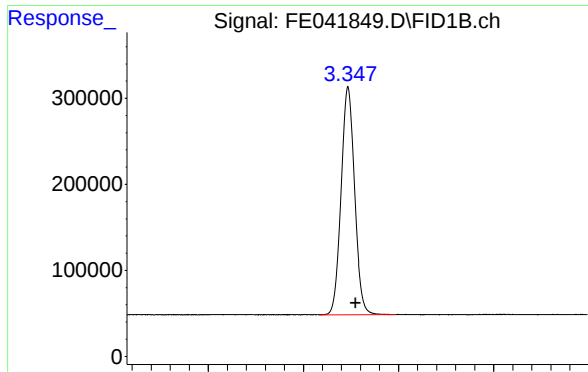
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051023AL\  
Data File : FE041849.D  
Signal(s) : FID1B.ch  
Acq On : 10 May 2023 21:07  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: May 11 01:06:18 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 07:33:51 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

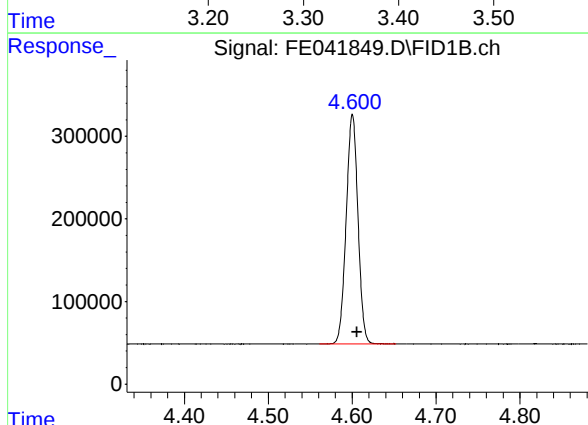




#1 n-Nonane (C9)

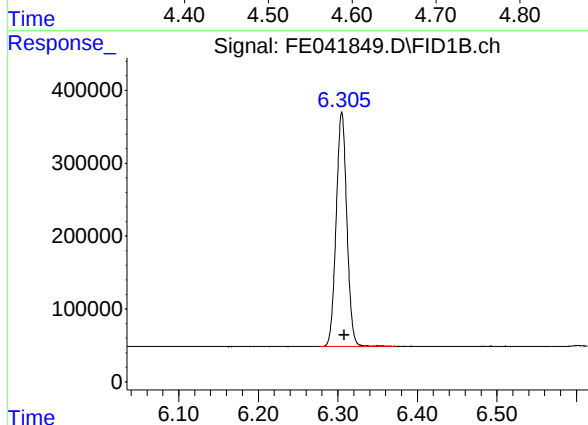
R.T.: 3.347 min  
Delta R.T.: -0.008 min  
Response: 2602770  
Conc: 17.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



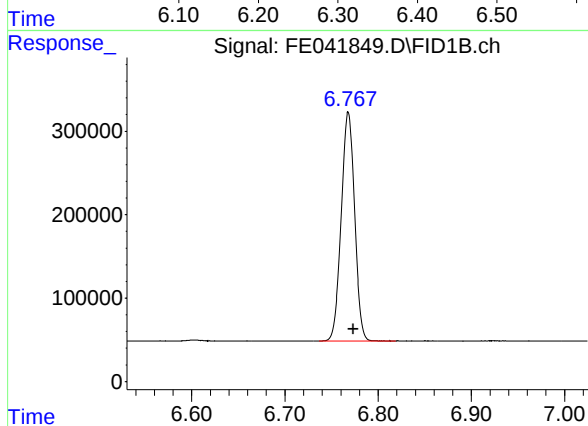
#2 n-Decane (C10)

R.T.: 4.600 min  
Delta R.T.: -0.005 min  
Response: 2719184  
Conc: 18.13 ug/ml



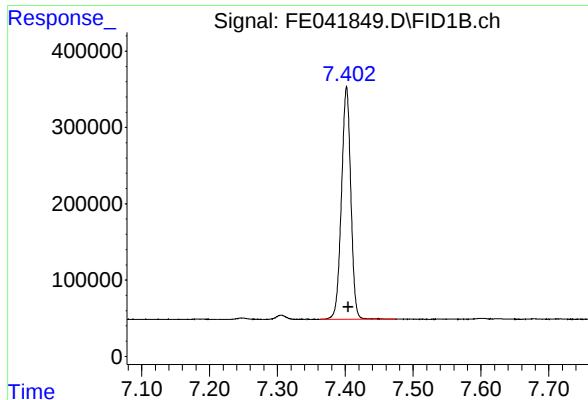
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min  
Delta R.T.: -0.003 min  
Response: 3006068  
Conc: 18.16 ug/ml



#4 n-Dodecane (C12)

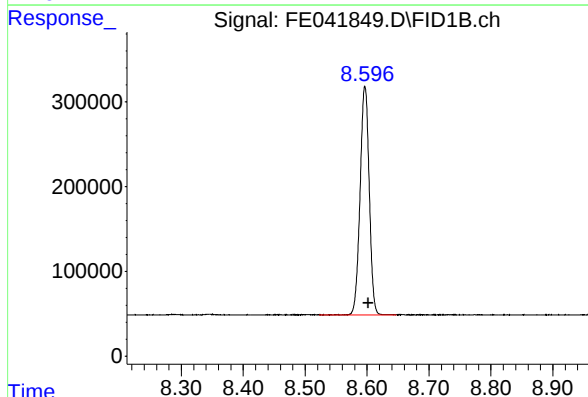
R.T.: 6.768 min  
Delta R.T.: -0.005 min  
Response: 2746048  
Conc: 18.06 ug/ml



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

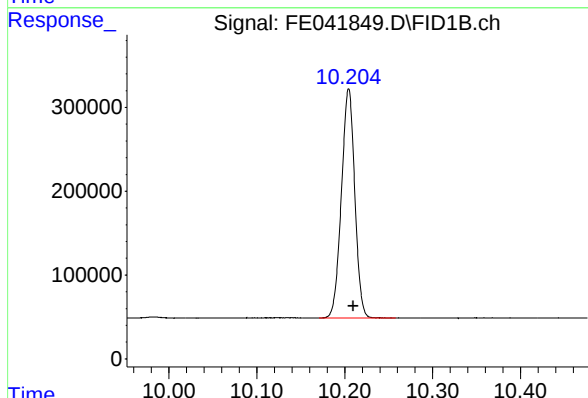
R.T.: 7.402 min  
Delta R.T.: -0.002 min  
Response: 2922208  
Conc: 18.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



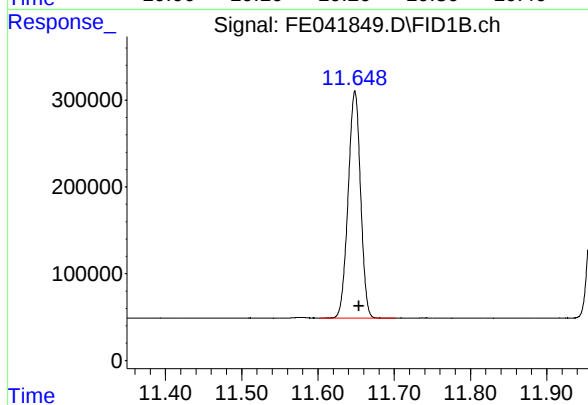
#6 n-Tetradecane (C14)

R.T.: 8.597 min  
Delta R.T.: -0.006 min  
Response: 2756125  
Conc: 18.14 ug/ml



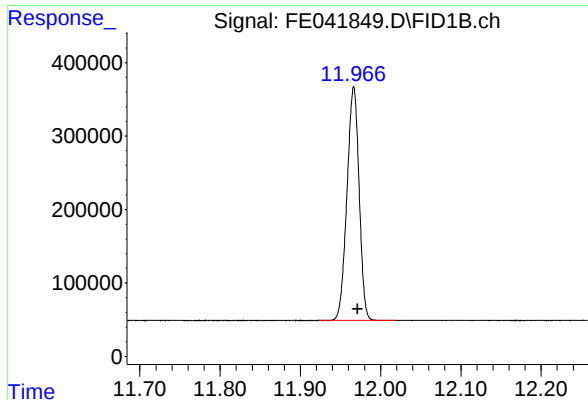
#7 n-Hexadecane (C16)

R.T.: 10.205 min  
Delta R.T.: -0.005 min  
Response: 2889161  
Conc: 18.10 ug/ml



#8 n-Octadecane (C18)

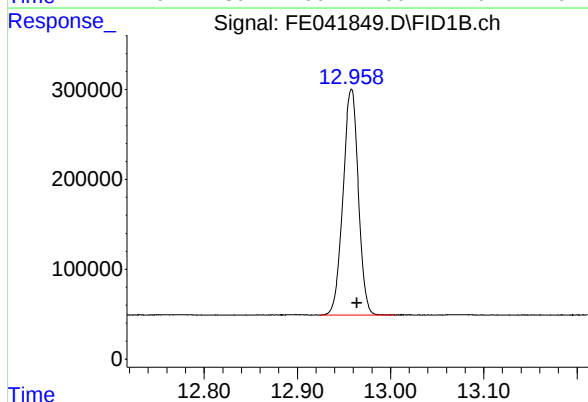
R.T.: 11.649 min  
Delta R.T.: -0.005 min  
Response: 2960988  
Conc: 18.06 ug/ml



#9 ortho-Terphenyl (SURR)

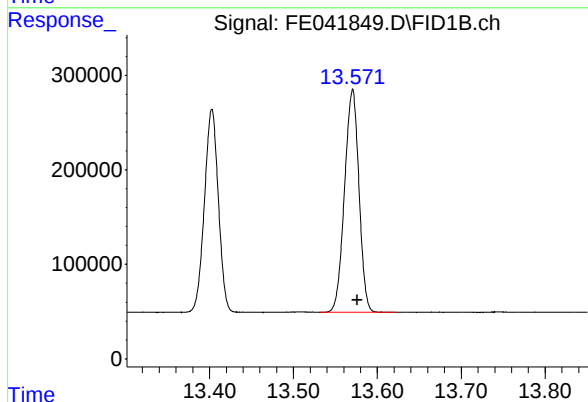
R.T.: 11.967 min  
Delta R.T.: -0.005 min  
Response: 3346251  
Conc: 17.84 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



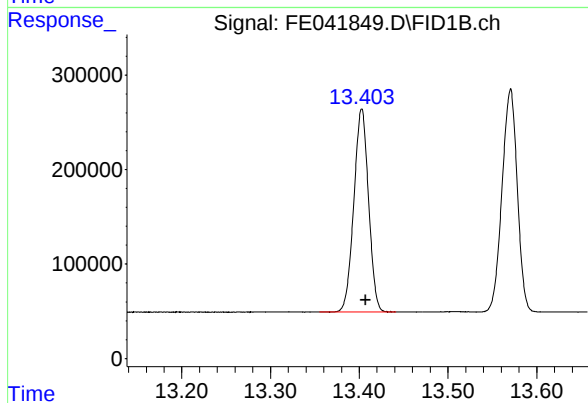
#10 n-Eicosane (C20)

R.T.: 12.958 min  
Delta R.T.: -0.006 min  
Response: 2864711  
Conc: 17.81 ug/ml



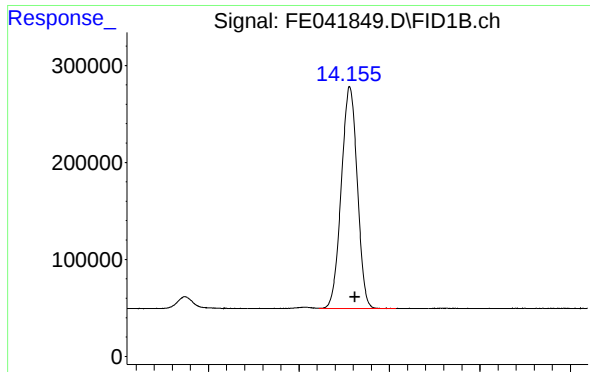
#11 n-Heneicosane (C21)

R.T.: 13.571 min  
Delta R.T.: -0.005 min  
Response: 2818205  
Conc: 17.68 ug/ml



#12 1-chlorooctadecane (SURR)

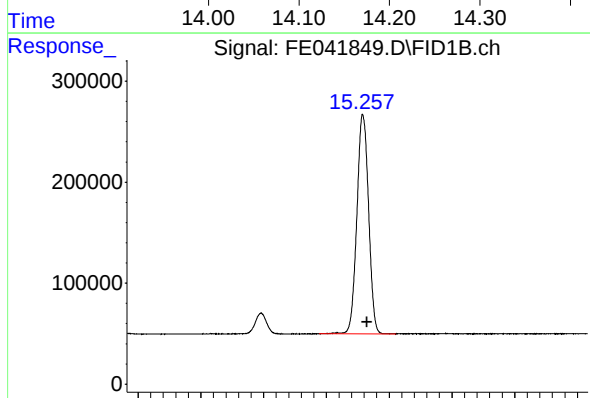
R.T.: 13.403 min  
Delta R.T.: -0.005 min  
Response: 2475301  
Conc: 17.52 ug/ml



#13 n-Docosane (C22)

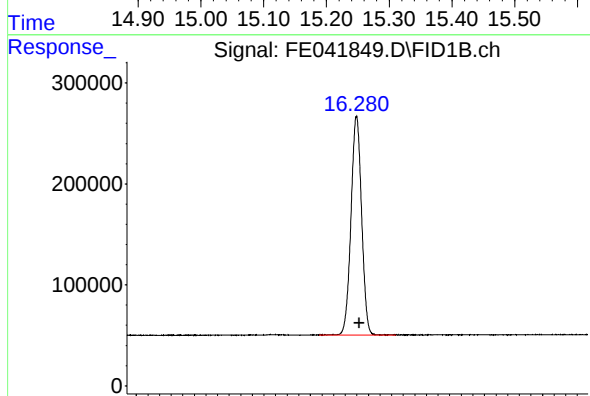
R.T.: 14.156 min  
Delta R.T.: -0.006 min  
Response: 2812620  
Conc: 17.65 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



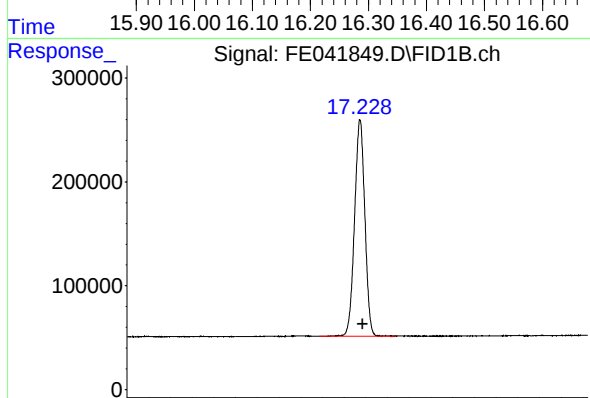
#14 n-Tetracosane (C24)

R.T.: 15.258 min  
Delta R.T.: -0.007 min  
Response: 2819217  
Conc: 17.49 ug/ml



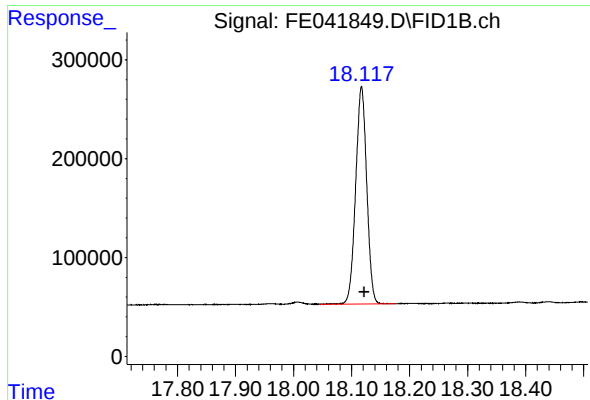
#15 n-Hexacosane (C26)

R.T.: 16.280 min  
Delta R.T.: -0.005 min  
Response: 2750448  
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

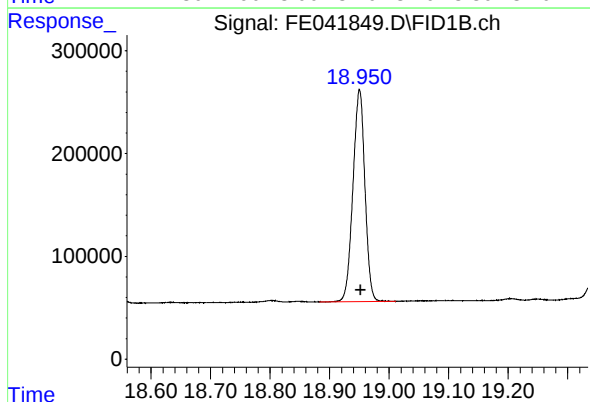
R.T.: 17.229 min  
Delta R.T.: -0.005 min  
Response: 2747609  
Conc: 17.86 ug/ml



#17 n-Tricontane (C30)

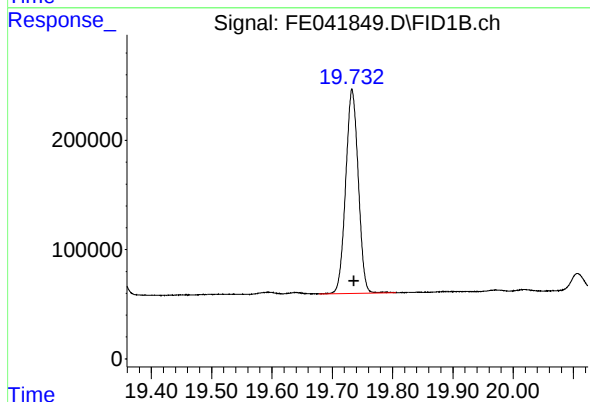
R.T.: 18.117 min  
Delta R.T.: -0.004 min  
Response: 2913435  
Conc: 19.13 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



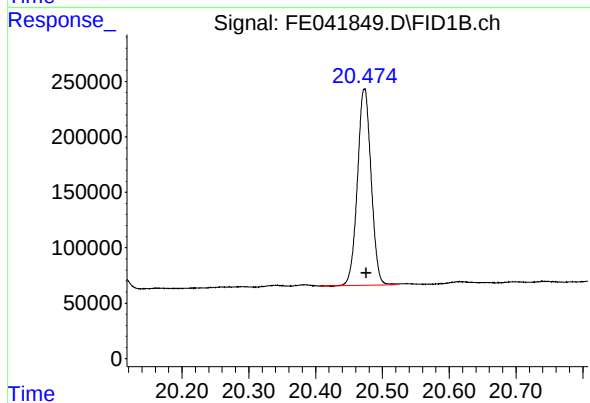
#18 n-Dotriacontane (C32)

R.T.: 18.950 min  
Delta R.T.: -0.002 min  
Response: 2884602  
Conc: 19.36 ug/ml



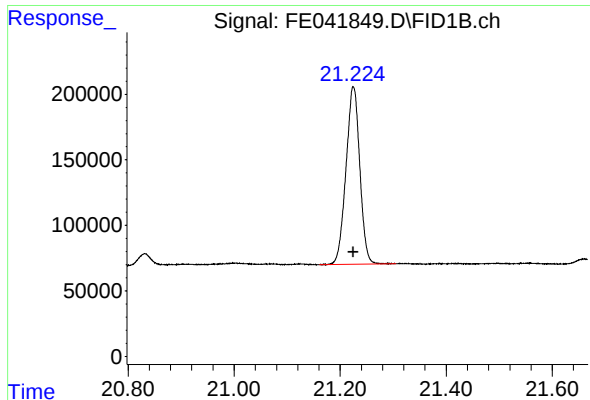
#19 n-Tetatriacontane (C34)

R.T.: 19.733 min  
Delta R.T.: -0.003 min  
Response: 2709447  
Conc: 19.23 ug/ml



#20 n-Hexatriacontane (C36)

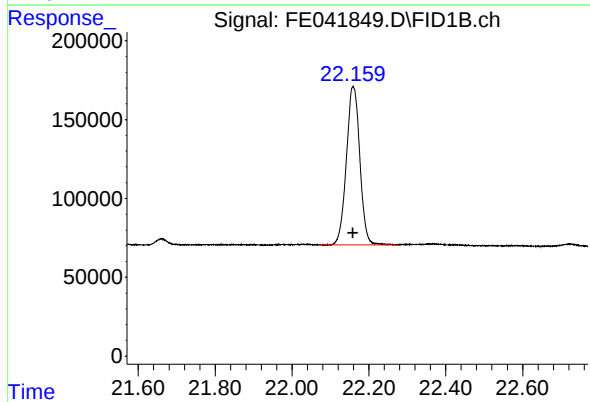
R.T.: 20.473 min  
Delta R.T.: -0.003 min  
Response: 2520595  
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min  
Delta R.T.: 0.000 min  
Response: 2450515  
Conc: 18.55 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.159 min  
Delta R.T.: 0.000 min  
Response: 2431392  
Conc: 19.20 ug/ml