

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120423AL\  
 Data File : FE045632.D  
 Signal(s) : FID1B.ch  
 Acq On : 04 Dec 2023 12:34  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 04 22:56:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 30 12:25:07 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)    | 11.860 | 4024633    | 19.246 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.49%        |
| 12) S 1-chlorooctadecane (S... | 13.304 | 2987437    | 18.986 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.97%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.248  | 3050271    | 19.235 ug/ml  |
| 2) T n-Decane (C10)            | 4.499  | 3179843    | 19.857 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.199  | 3463129    | 19.881 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.666  | 3234078    | 20.022 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.294  | 3393665    | 19.984 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.493  | 3232748    | 20.151 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.102 | 3336954    | 20.151 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.547 | 3394475    | 19.799 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.858 | 3323755    | 19.210 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.472 | 3261246    | 18.957 ug/ml  |
| 13) T n-Docosane (C22)         | 14.059 | 3262448    | 18.921 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.163 | 3258165    | 18.663 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.186 | 3212076    | 18.444 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.137 | 3206492    | 18.553 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.028 | 3357013    | 19.189 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.863 | 3462105    | 18.977 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.646 | 3087536    | 18.607 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.389 | 2883316    | 18.164 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.123 | 2797948    | 17.842 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.027 | 2872920    | 20.215 ug/ml  |
| -----                          |        |            |               |

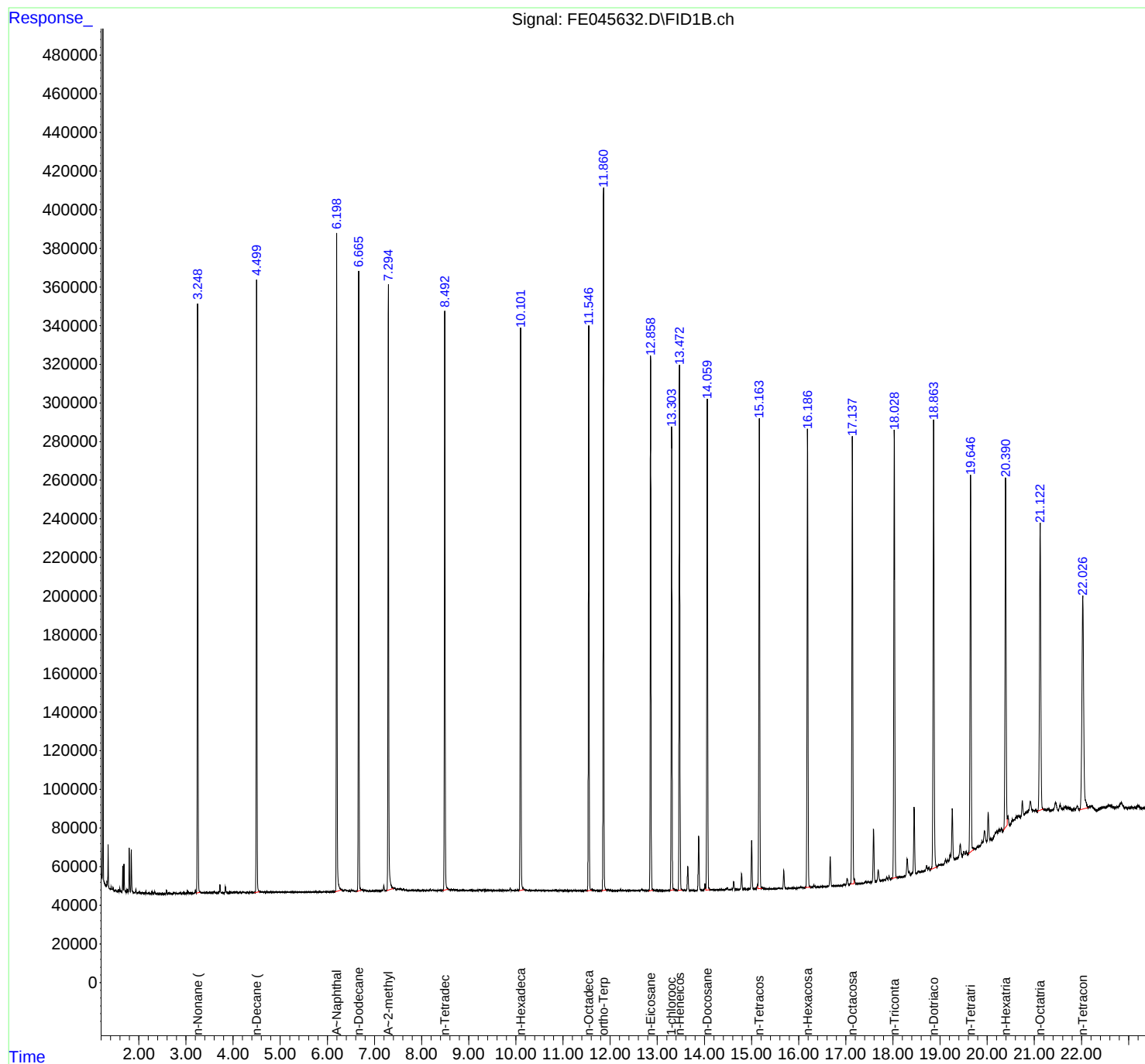
(f)=RT Delta > 1/2 Window

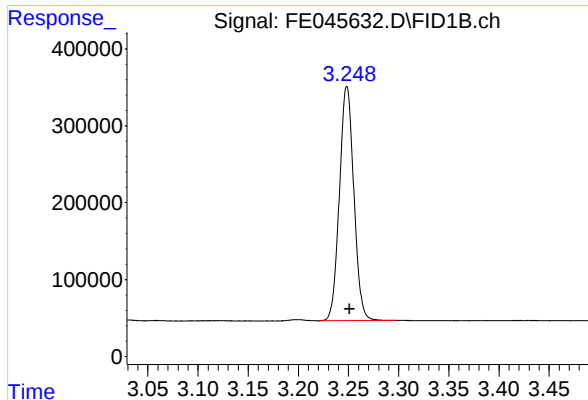
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120423AL\  
Data File : FE045632.D  
Signal(s) : FID1B.ch  
Acq On : 04 Dec 2023 12:34  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
Quant Time: Dec 04 22:56:58 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 30 12:25:07 2023  
Response via : Initial Calibration  
Integrator: ChemStation

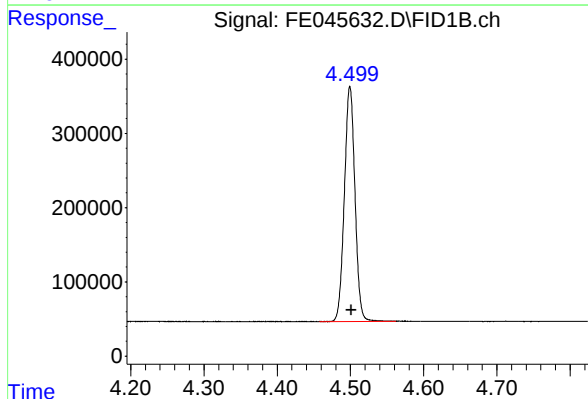
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





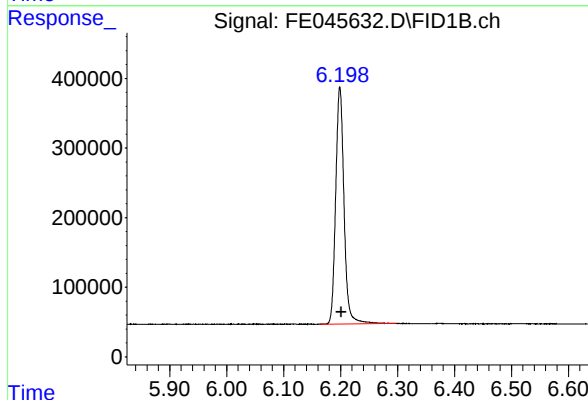
#1 n-Nonane (C9)

R.T.: 3.248 min  
Delta R.T.: -0.003 min  
Response: 3050271  
Conc: 19.24 ug/ml



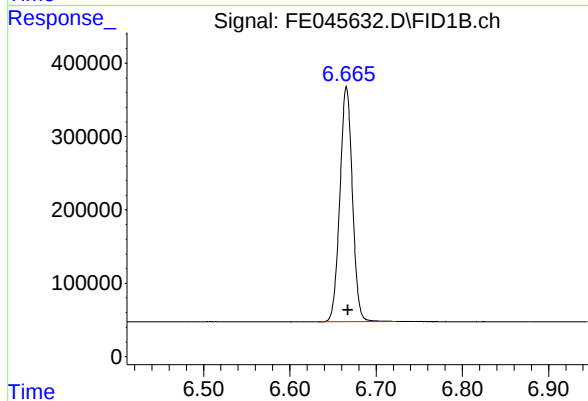
#2 n-Decane (C10)

R.T.: 4.499 min  
Delta R.T.: -0.002 min  
Response: 3179843  
Conc: 19.86 ug/ml



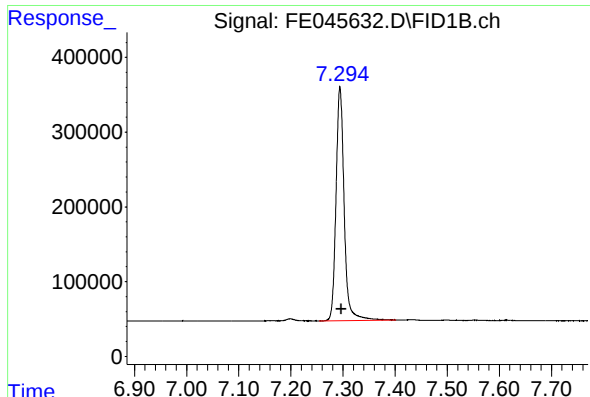
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min  
Delta R.T.: -0.003 min  
Response: 3463129  
Conc: 19.88 ug/ml



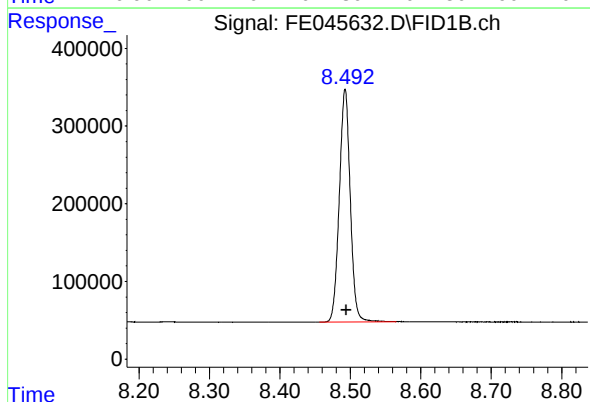
#4 n-Dodecane (C12)

R.T.: 6.666 min  
Delta R.T.: -0.001 min  
Response: 3234078  
Conc: 20.02 ug/ml



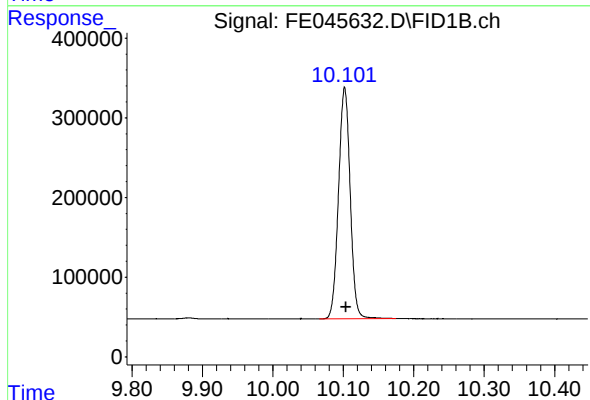
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.294 min  
Delta R.T.: -0.003 min  
Response: 3393665  
Conc: 19.98 ug/ml



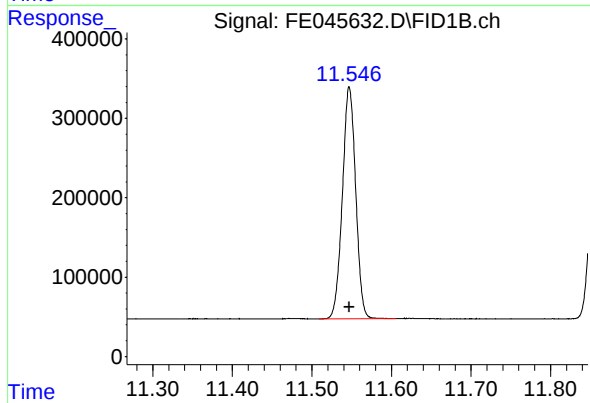
#6 n-Tetradecane (C14)

R.T.: 8.493 min  
Delta R.T.: -0.002 min  
Response: 3232748  
Conc: 20.15 ug/ml



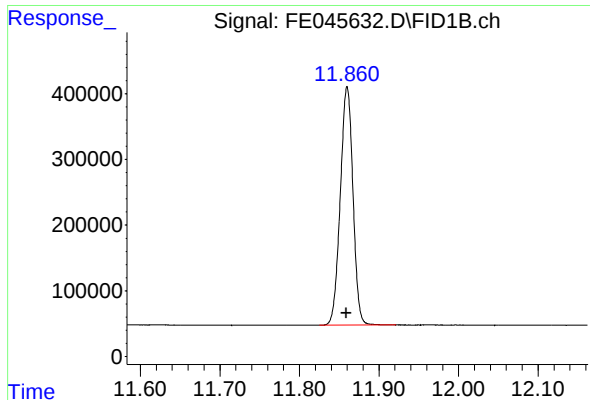
#7 n-Hexadecane (C16)

R.T.: 10.102 min  
Delta R.T.: -0.002 min  
Response: 3336954  
Conc: 20.15 ug/ml



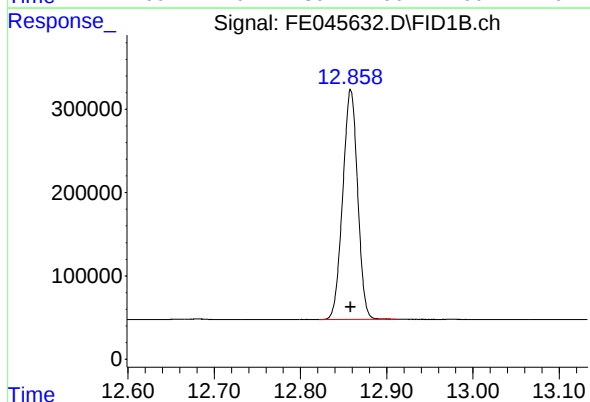
#8 n-Octadecane (C18)

R.T.: 11.547 min  
Delta R.T.: 0.000 min  
Response: 3394475  
Conc: 19.80 ug/ml



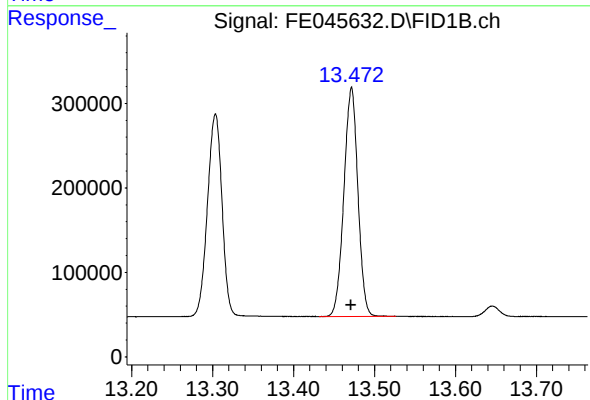
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min  
Delta R.T.: 0.000 min  
Response: 4024633  
Conc: 19.25 ug/ml



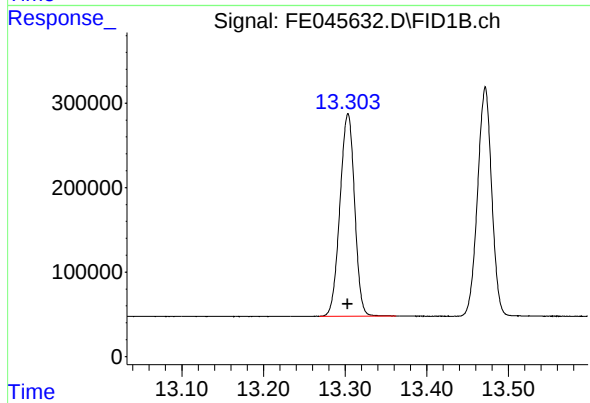
#10 n-Eicosane (C20)

R.T.: 12.858 min  
Delta R.T.: 0.000 min  
Response: 3323755  
Conc: 19.21 ug/ml



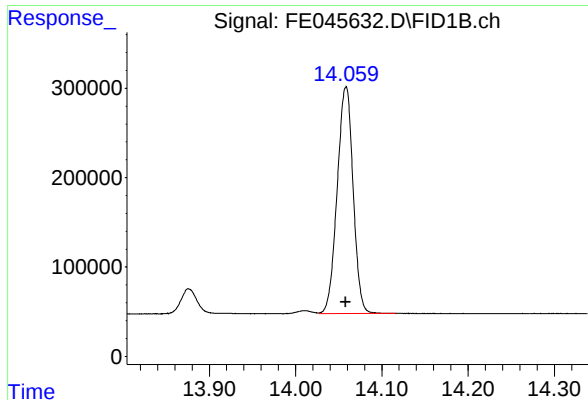
#11 n-Heneicosane (C21)

R.T.: 13.472 min  
Delta R.T.: 0.000 min  
Response: 3261246  
Conc: 18.96 ug/ml



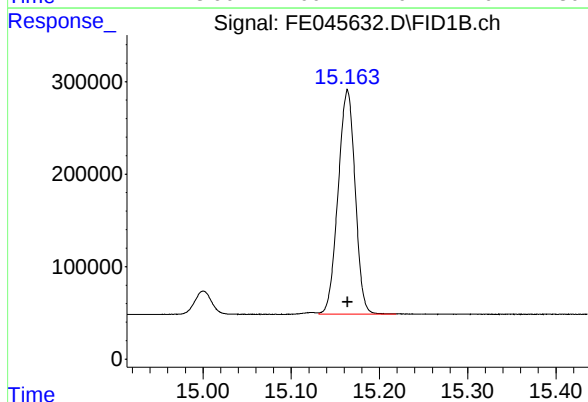
#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min  
Delta R.T.: 0.000 min  
Response: 2987437  
Conc: 18.99 ug/ml



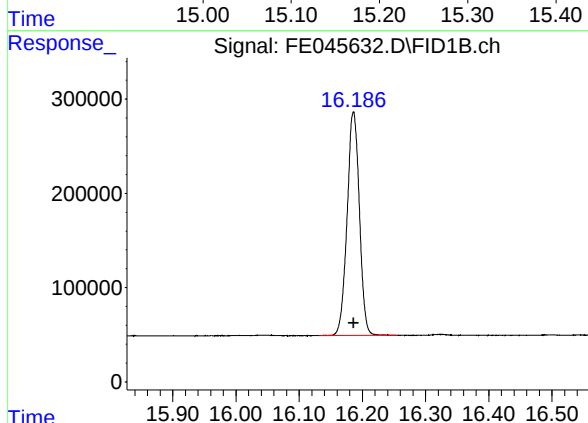
#13 n-Docosane (C22)

R.T.: 14.059 min  
Delta R.T.: 0.000 min  
Response: 3262448  
Conc: 18.92 ug/ml



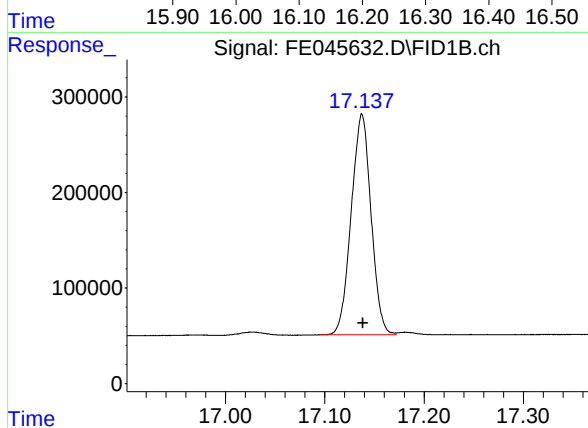
#14 n-Tetracosane (C24)

R.T.: 15.163 min  
Delta R.T.: 0.000 min  
Response: 3258165  
Conc: 18.66 ug/ml m



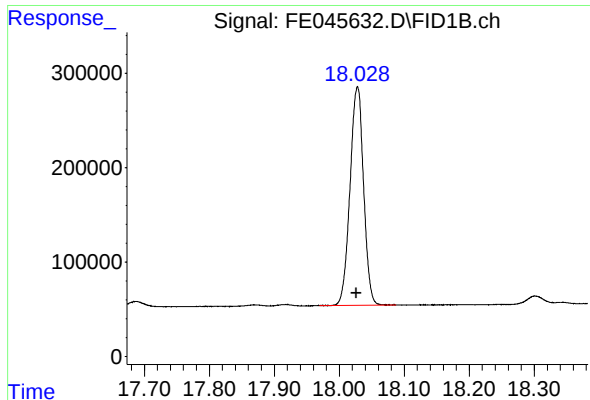
#15 n-Hexacosane (C26)

R.T.: 16.186 min  
Delta R.T.: 0.000 min  
Response: 3212076  
Conc: 18.44 ug/ml



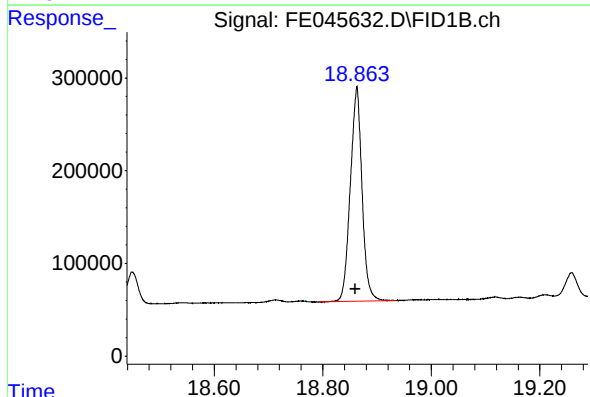
#16 n-Octacosane (C28)

R.T.: 17.137 min  
Delta R.T.: -0.001 min  
Response: 3206492  
Conc: 18.55 ug/ml m



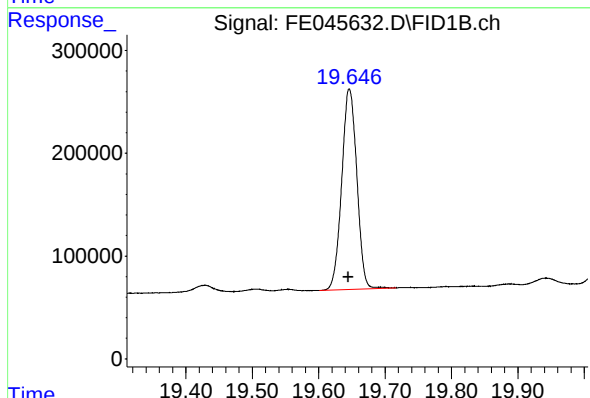
#17 n-Tricontane (C30)

R.T.: 18.028 min  
Delta R.T.: 0.002 min  
Response: 3357013  
Conc: 19.19 ug/ml



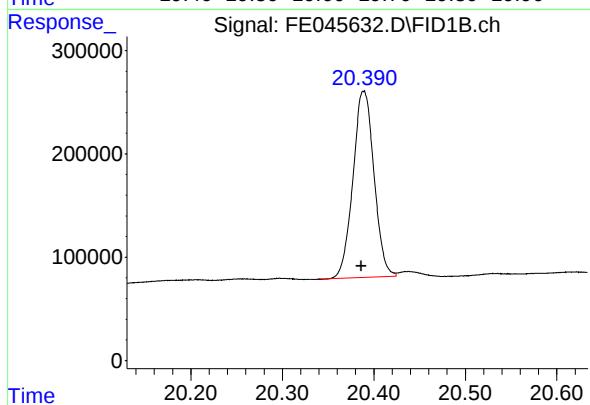
#18 n-Dotriacontane (C32)

R.T.: 18.863 min  
Delta R.T.: 0.003 min  
Response: 3462105  
Conc: 18.98 ug/ml



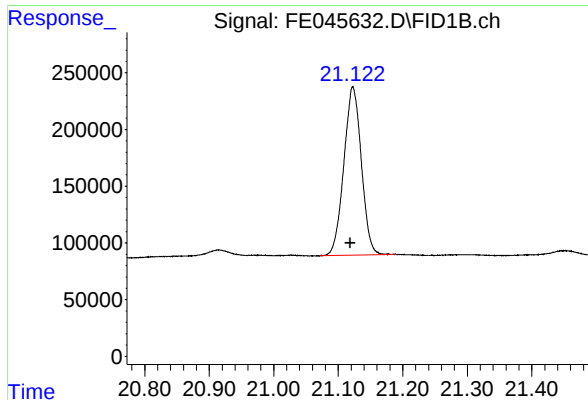
#19 n-Tetatriacontane (C34)

R.T.: 19.646 min  
Delta R.T.: 0.001 min  
Response: 3087536  
Conc: 18.61 ug/ml



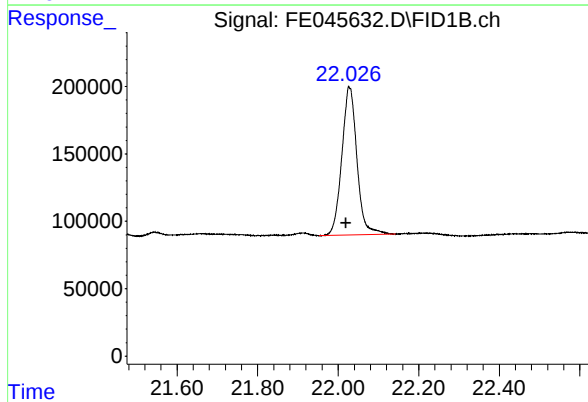
#20 n-Hexatriacontane (C36)

R.T.: 20.389 min  
Delta R.T.: 0.003 min  
Response: 2883316  
Conc: 18.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min  
Delta R.T.: 0.004 min  
Response: 2797948  
Conc: 17.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.027 min  
Delta R.T.: 0.008 min  
Response: 2872920  
Conc: 20.22 ug/ml