

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101323AL\  
 Data File : FE044852.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Oct 2023 20:32  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 14 00:29:19 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 101123.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 12 06:15:32 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)    | 11.906 | 3551851    | 17.718 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.44%        |
| 12) S 1-chlorooctadecane (S... | 13.348 | 2604622    | 17.600 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.20%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.289  | 2982037    | 17.776 ug/ml  |
| 2) T n-Decane (C10)            | 4.541  | 3030246    | 17.788 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.242  | 3308265    | 17.871 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.707  | 3062997    | 17.744 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.338  | 3211125    | 17.801 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.534  | 3041623    | 17.738 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.144 | 3081633    | 17.623 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.591 | 3069993    | 17.602 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.903 | 2941529    | 17.611 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.516 | 2864260    | 17.571 ug/ml  |
| 13) T n-Docosane (C22)         | 14.103 | 2833424    | 17.714 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.207 | 2795815    | 18.015 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.229 | 2715615    | 18.088 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.181 | 2694250    | 18.348 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.070 | 2761535    | 18.568 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.904 | 2894580    | 19.285 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.688 | 2762953    | 18.560 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.430 | 2828966    | 18.401 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.171 | 2858091    | 18.296 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.087 | 3096613    | 18.529 ug/mlm |
| -----                          |        |            |               |

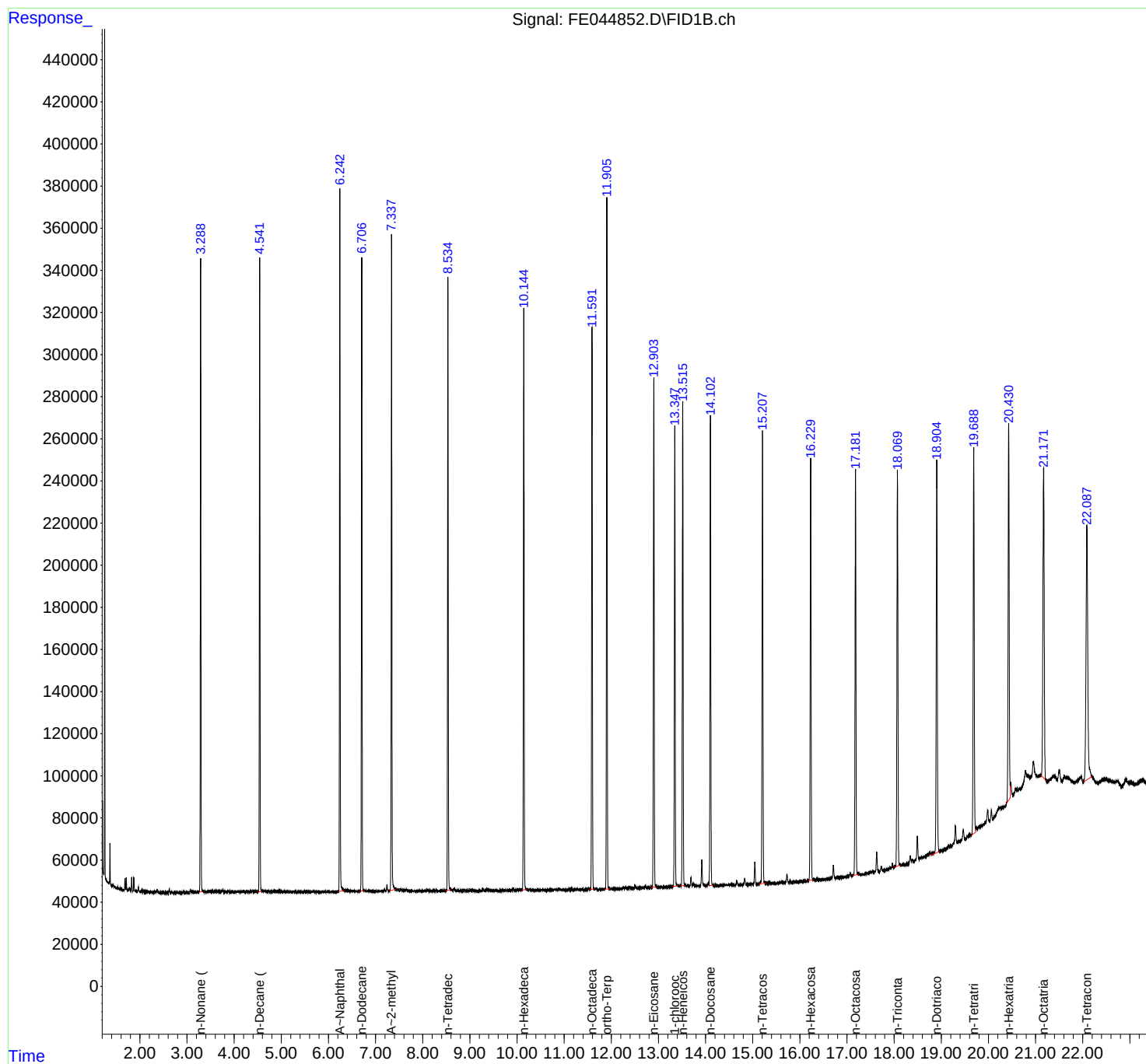
(f)=RT Delta > 1/2 Window

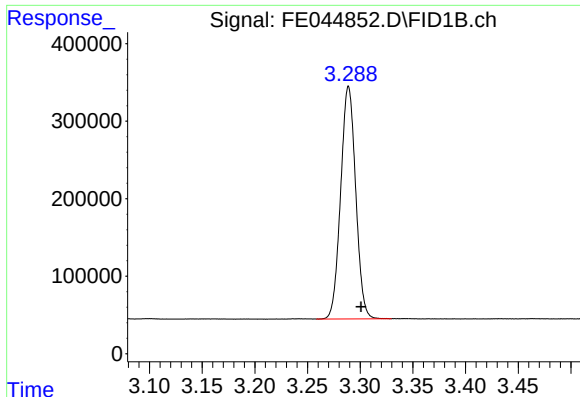
(m)=manual int.

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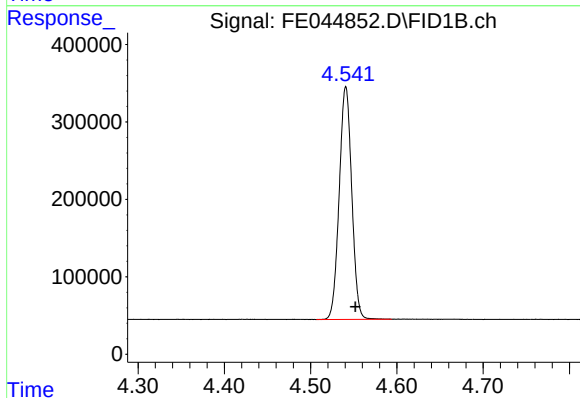
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





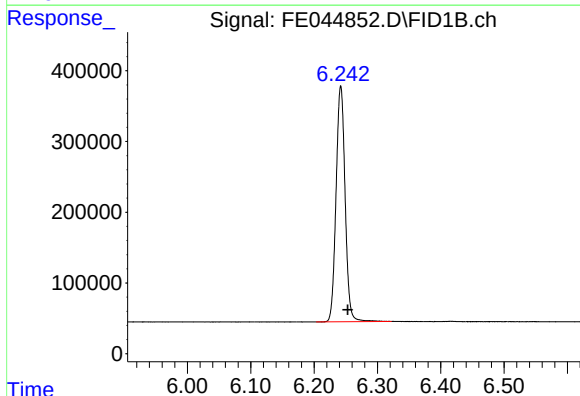
#1 n-Nonane (C9)

R.T.: 3.289 min  
Delta R.T.: -0.012 min  
Response: 2982037  
Conc: 17.78 ug/ml



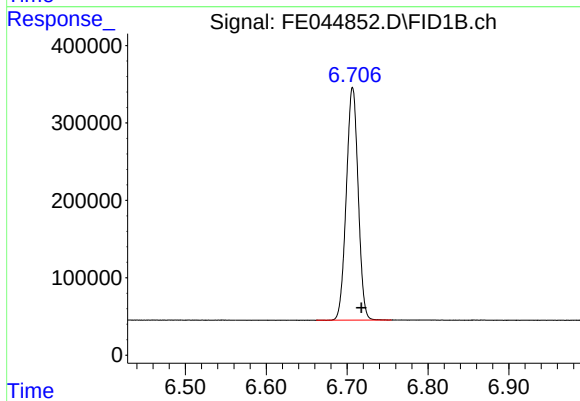
#2 n-Decane (C10)

R.T.: 4.541 min  
Delta R.T.: -0.011 min  
Response: 3030246  
Conc: 17.79 ug/ml



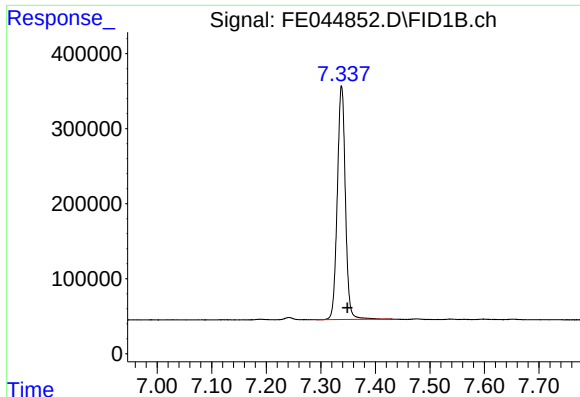
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min  
Delta R.T.: -0.011 min  
Response: 3308265  
Conc: 17.87 ug/ml



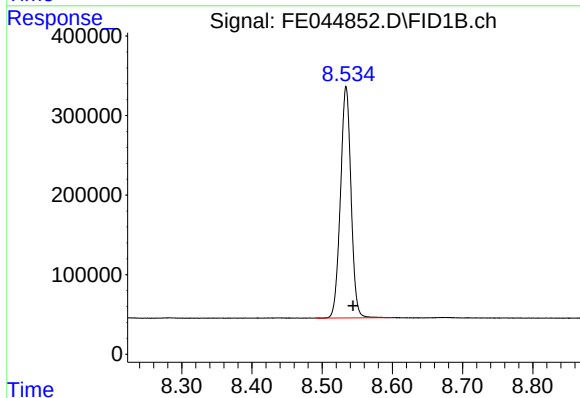
#4 n-Dodecane (C12)

R.T.: 6.707 min  
Delta R.T.: -0.011 min  
Response: 3062997  
Conc: 17.74 ug/ml



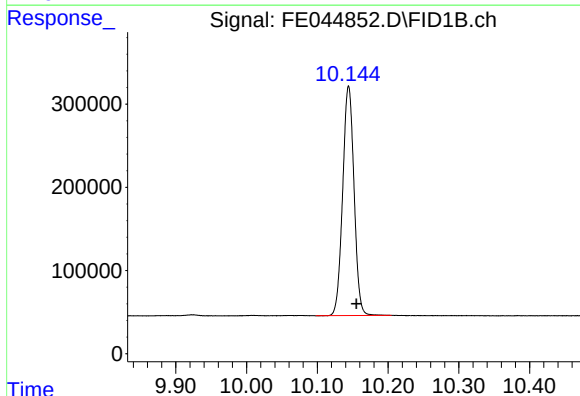
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min  
Delta R.T.: -0.011 min  
Response: 3211125  
Conc: 17.80 ug/ml



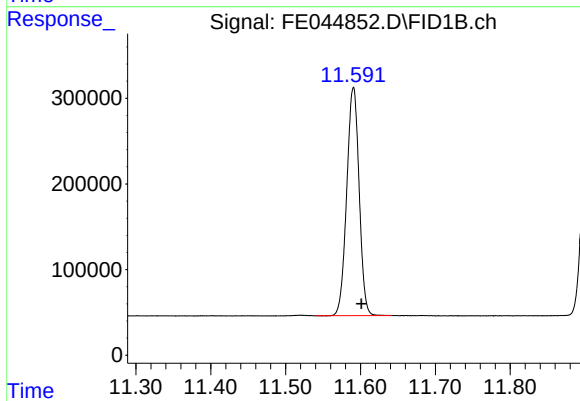
#6 n-Tetradecane (C14)

R.T.: 8.534 min  
Delta R.T.: -0.010 min  
Response: 3041623  
Conc: 17.74 ug/ml



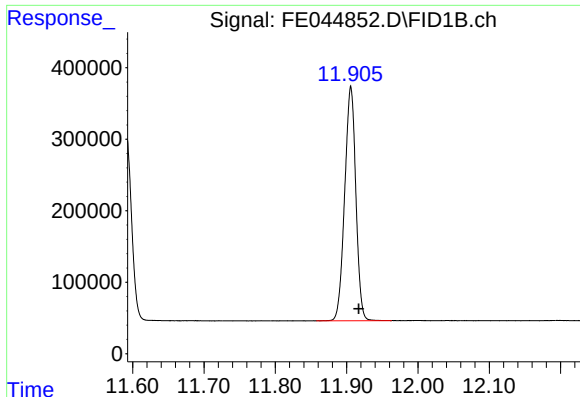
#7 n-Hexadecane (C16)

R.T.: 10.144 min  
Delta R.T.: -0.011 min  
Response: 3081633  
Conc: 17.62 ug/ml



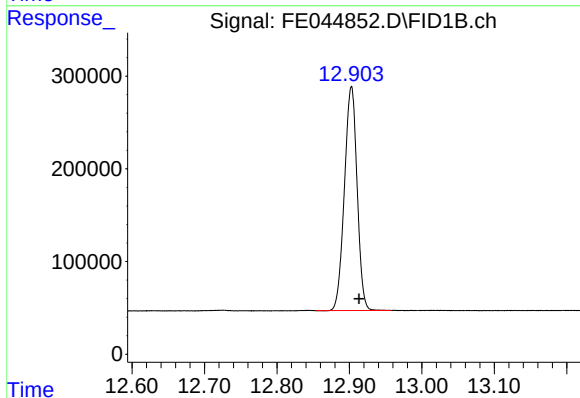
#8 n-Octadecane (C18)

R.T.: 11.591 min  
Delta R.T.: -0.011 min  
Response: 3069993  
Conc: 17.60 ug/ml



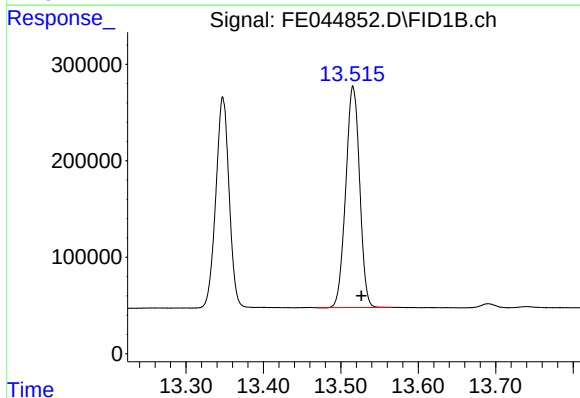
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min  
Delta R.T.: -0.011 min  
Response: 3551851  
Conc: 17.72 ug/ml



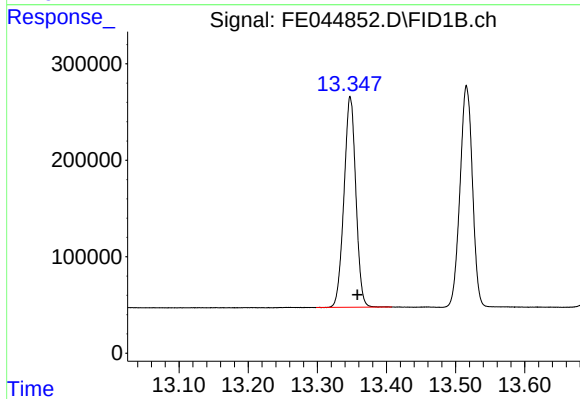
#10 n-Eicosane (C20)

R.T.: 12.903 min  
Delta R.T.: -0.011 min  
Response: 2941529  
Conc: 17.61 ug/ml



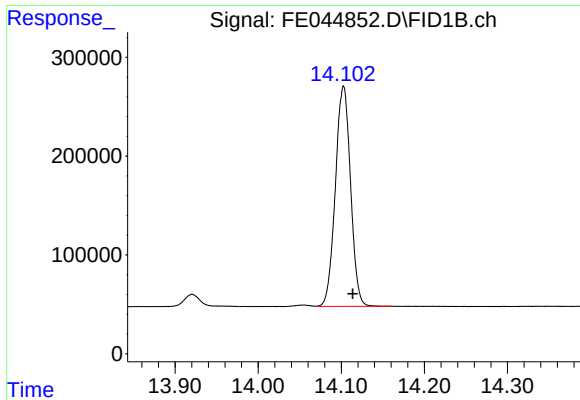
#11 n-Heneicosane (C21)

R.T.: 13.516 min  
Delta R.T.: -0.011 min  
Response: 2864260  
Conc: 17.57 ug/ml



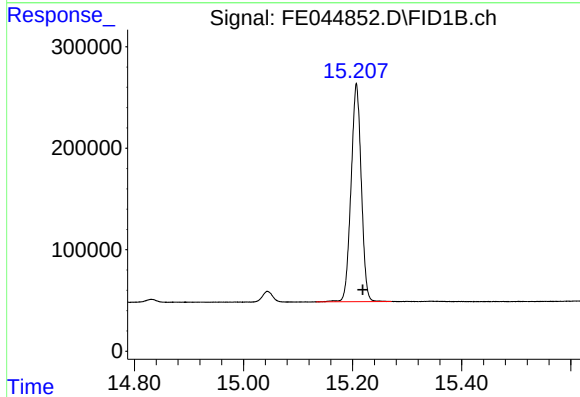
#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min  
Delta R.T.: -0.011 min  
Response: 2604622  
Conc: 17.60 ug/ml



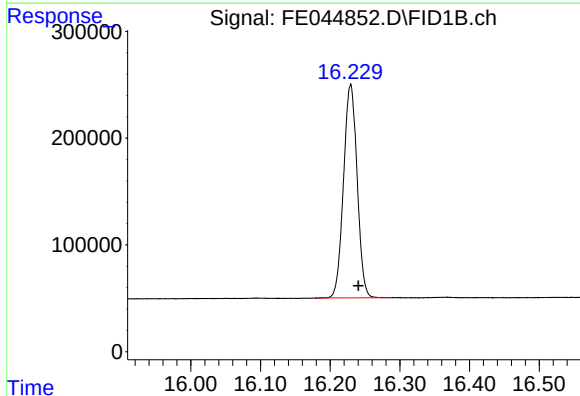
#13 n-Docosane (C22)

R.T.: 14.103 min  
Delta R.T.: -0.011 min  
Response: 2833424  
Conc: 17.71 ug/ml



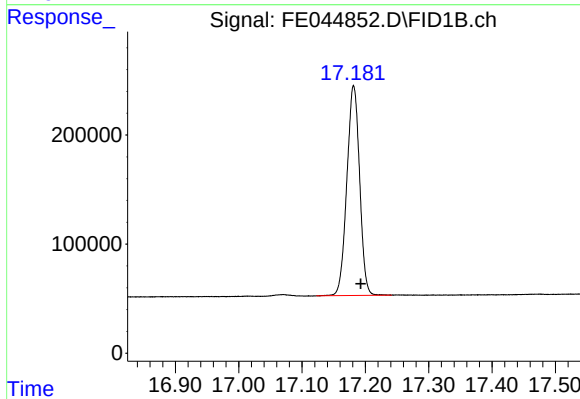
#14 n-Tetracosane (C24)

R.T.: 15.207 min  
Delta R.T.: -0.012 min  
Response: 2795815  
Conc: 18.01 ug/ml



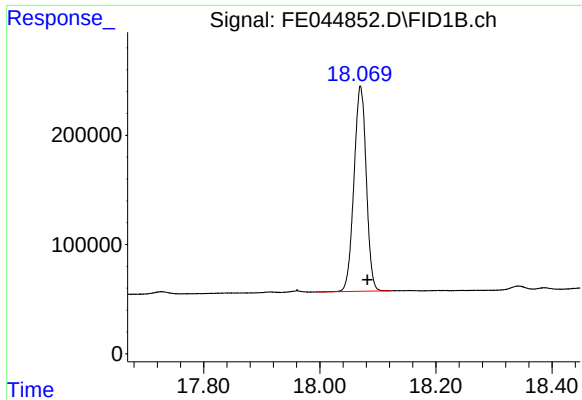
#15 n-Hexacosane (C26)

R.T.: 16.229 min  
Delta R.T.: -0.011 min  
Response: 2715615  
Conc: 18.09 ug/ml



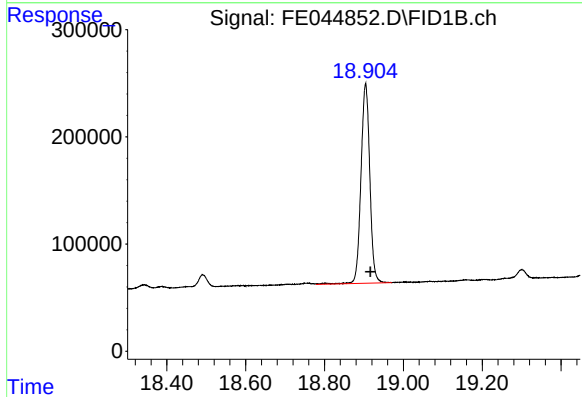
#16 n-Octacosane (C28)

R.T.: 17.181 min  
Delta R.T.: -0.011 min  
Response: 2694250  
Conc: 18.35 ug/ml



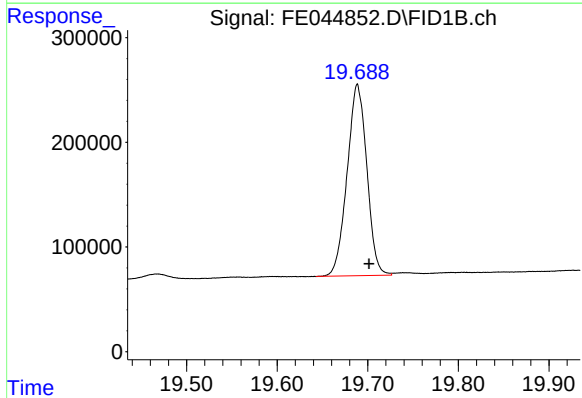
#17 n-Tricontane (C30)

R.T.: 18.070 min  
Delta R.T.: -0.012 min  
Response: 2761535  
Conc: 18.57 ug/ml



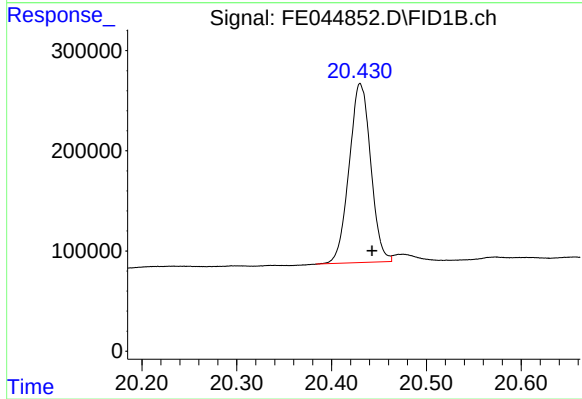
#18 n-Dotriacontane (C32)

R.T.: 18.904 min  
Delta R.T.: -0.012 min  
Response: 2894580  
Conc: 19.28 ug/ml



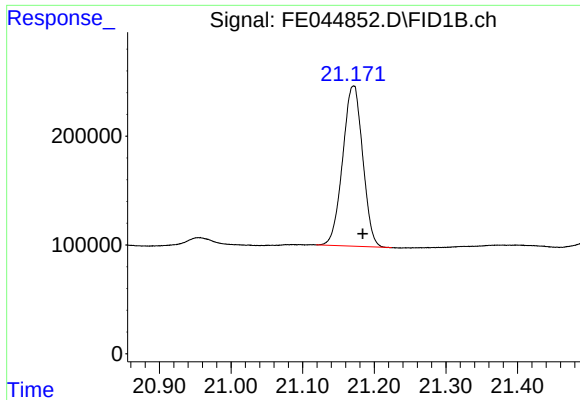
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min  
Delta R.T.: -0.013 min  
Response: 2762953  
Conc: 18.56 ug/ml m



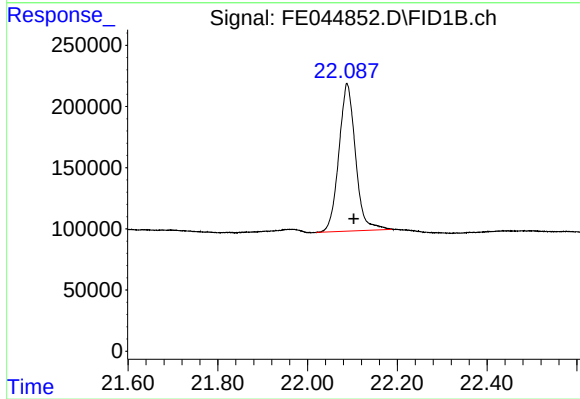
#20 n-Hexatriacontane (C36)

R.T.: 20.430 min  
Delta R.T.: -0.013 min  
Response: 2828966  
Conc: 18.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.171 min  
Delta R.T.: -0.013 min  
Response: 2858091  
Conc: 18.30 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.087 min  
Delta R.T.: -0.016 min  
Response: 3096613  
Conc: 18.53 ug/ml m