

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032124AL\  
 Data File : FE047249.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Mar 2024 15:03  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 22 01:22:02 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 031324.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 14 01:54:27 2024  
 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)    | 11.978 | 2919905    | 17.697 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.39%        |
| 12) S 1-chlorooctadecane (S... | 13.411 | 2249929    | 17.647 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.29%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.366  | 2760936    | 18.364 ug/ml  |
| 2) T n-Decane (C10)            | 4.617  | 2812931    | 18.347 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.321  | 2921573    | 18.324 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.781  | 2813630    | 18.286 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.416  | 2811729    | 18.321 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.608  | 2763208    | 18.135 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.215 | 2826344    | 17.956 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.658 | 2834048    | 17.796 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.966 | 2707148    | 17.613 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.577 | 2657695    | 17.565 ug/ml  |
| 13) T n-Docosane (C22)         | 14.162 | 2638139    | 17.535 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.265 | 2628151    | 17.598 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.283 | 2586443    | 17.755 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.232 | 2529380    | 17.926 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.115 | 2582869    | 18.271 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.948 | 2571947    | 18.650 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.728 | 2524865    | 19.339 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.468 | 2594466    | 20.826 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.210 | 2761572    | 22.240 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.141 | 2908186    | 24.725 ug/ml  |
| -----                          |        |            |               |

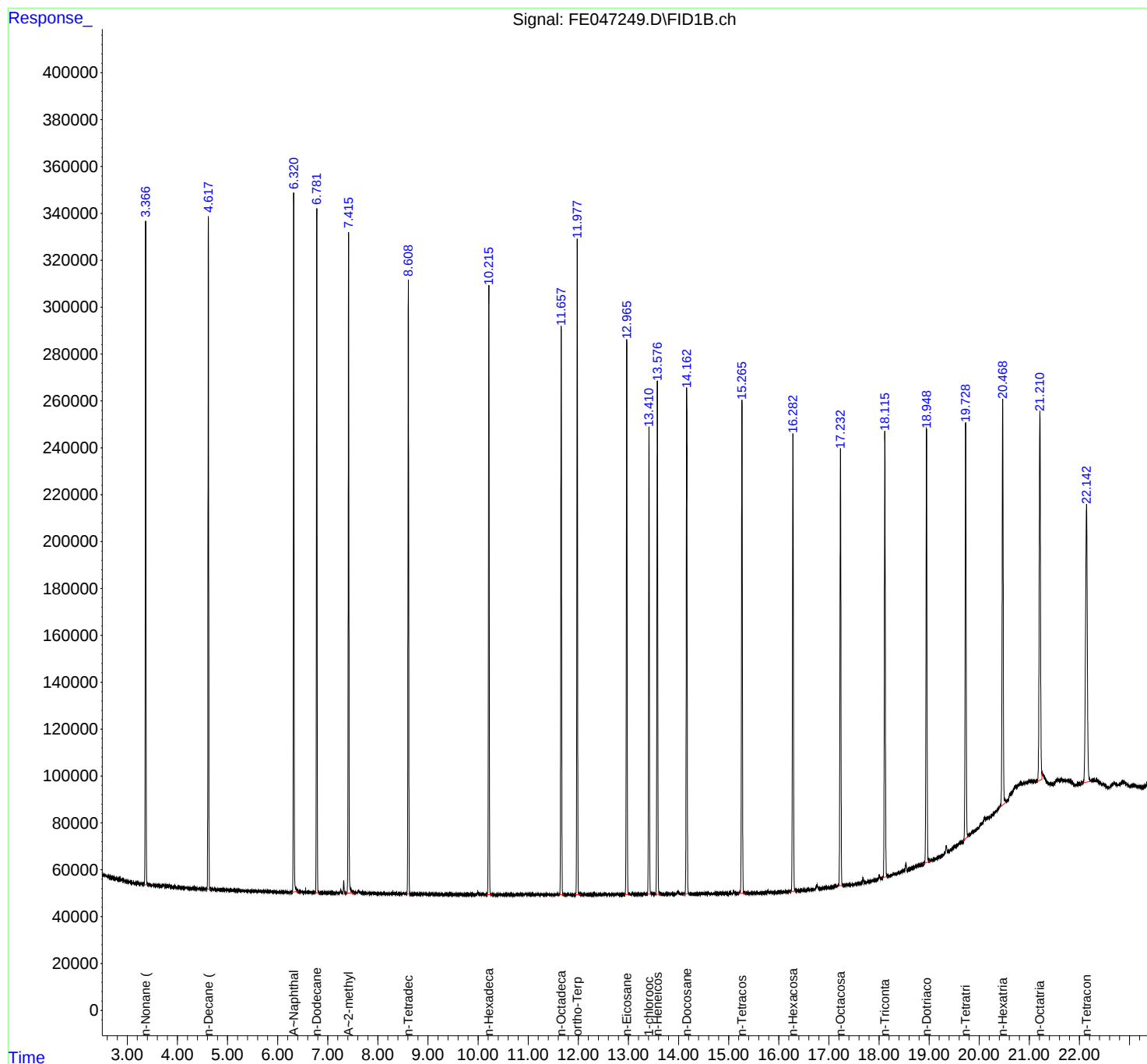
(f)=RT Delta > 1/2 Window

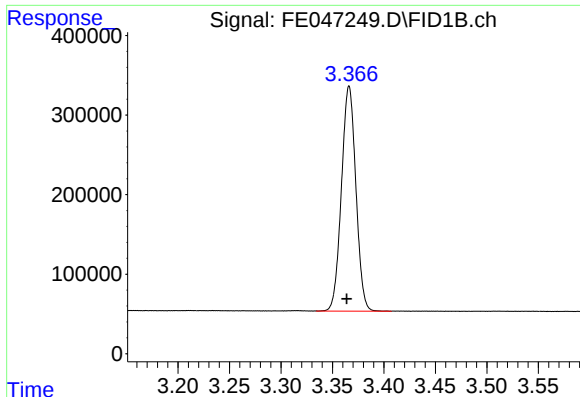
(m)=manual int.

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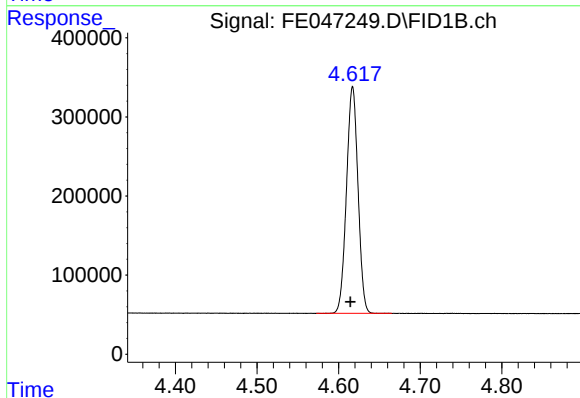
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





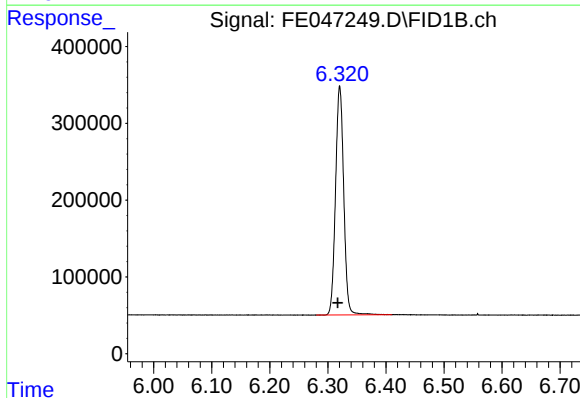
#1 n-Nonane (C9)

R.T.: 3.366 min  
Delta R.T.: 0.002 min  
Response: 2760936  
Conc: 18.36 ug/ml



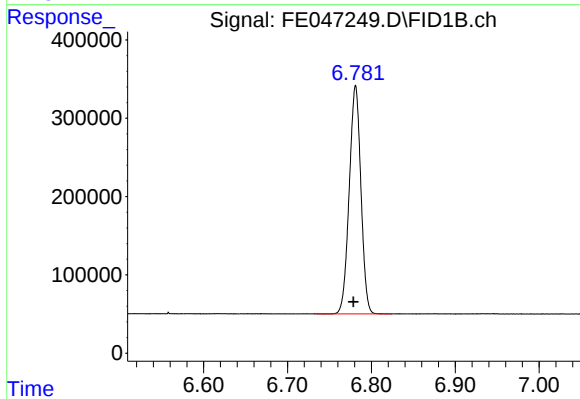
#2 n-Decane (C10)

R.T.: 4.617 min  
Delta R.T.: 0.003 min  
Response: 2812931  
Conc: 18.35 ug/ml



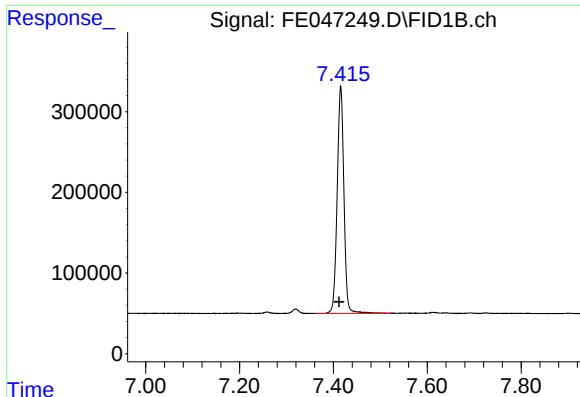
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min  
Delta R.T.: 0.003 min  
Response: 2921573  
Conc: 18.32 ug/ml



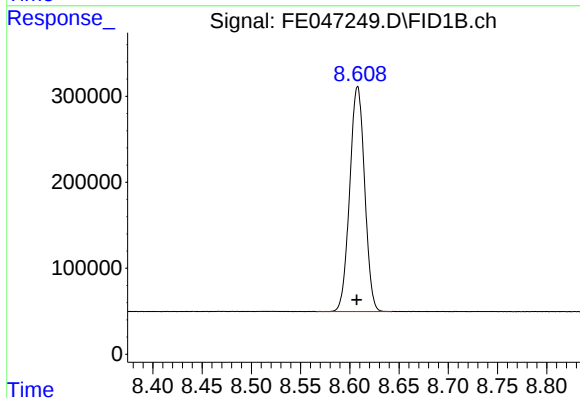
#4 n-Dodecane (C12)

R.T.: 6.781 min  
Delta R.T.: 0.002 min  
Response: 2813630  
Conc: 18.29 ug/ml



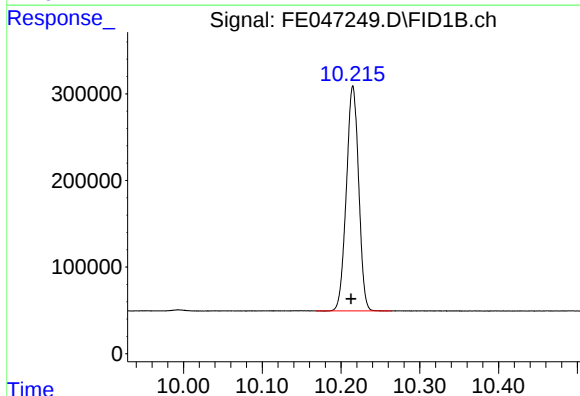
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.416 min  
Delta R.T.: 0.004 min  
Response: 2811729  
Conc: 18.32 ug/ml



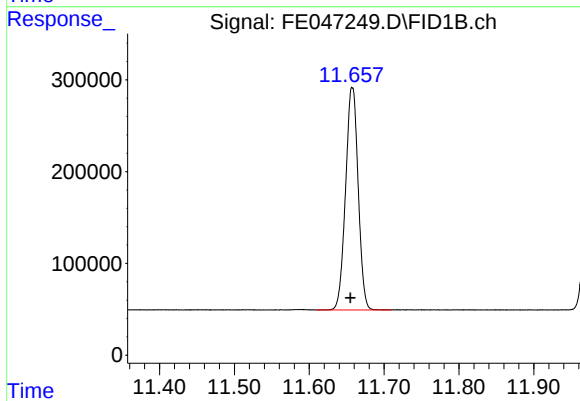
#6 n-Tetradecane (C14)

R.T.: 8.608 min  
Delta R.T.: 0.001 min  
Response: 2763208  
Conc: 18.14 ug/ml



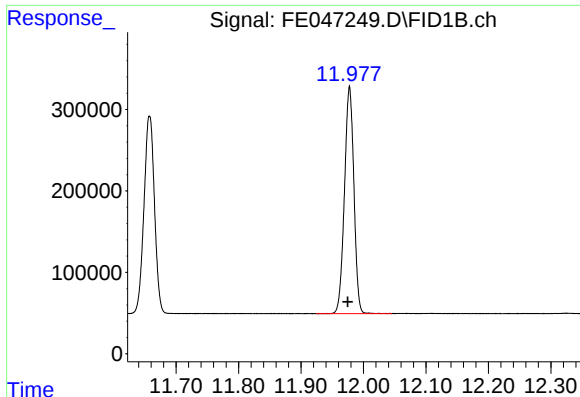
#7 n-Hexadecane (C16)

R.T.: 10.215 min  
Delta R.T.: 0.002 min  
Response: 2826344  
Conc: 17.96 ug/ml



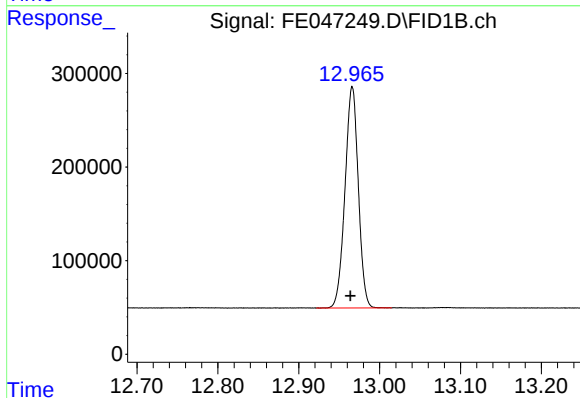
#8 n-Octadecane (C18)

R.T.: 11.658 min  
Delta R.T.: 0.003 min  
Response: 2834048  
Conc: 17.80 ug/ml



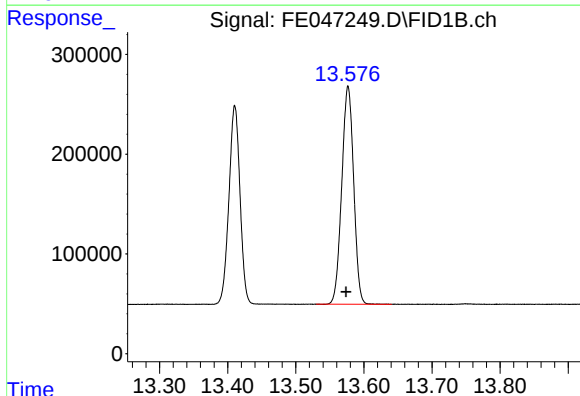
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min  
Delta R.T.: 0.003 min  
Response: 2919905  
Conc: 17.70 ug/ml



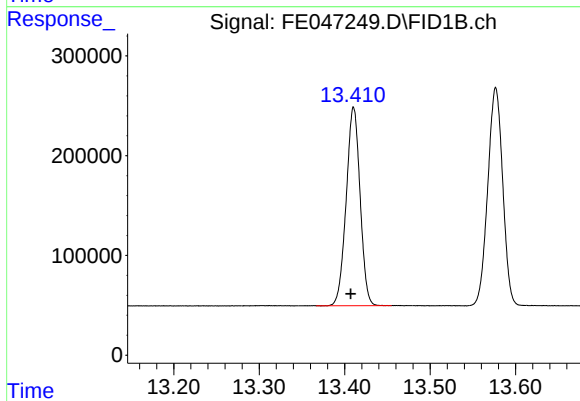
#10 n-Eicosane (C20)

R.T.: 12.966 min  
Delta R.T.: 0.002 min  
Response: 2707148  
Conc: 17.61 ug/ml



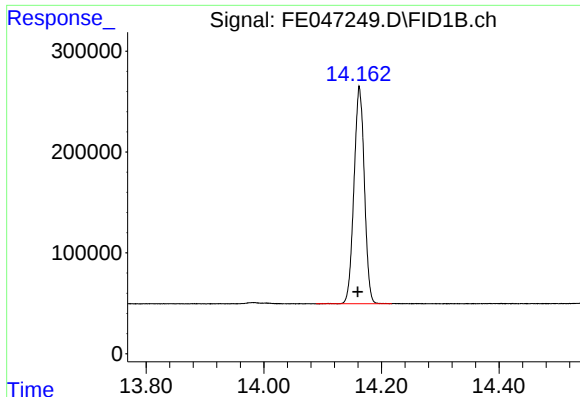
#11 n-Heneicosane (C21)

R.T.: 13.577 min  
Delta R.T.: 0.003 min  
Response: 2657695  
Conc: 17.56 ug/ml



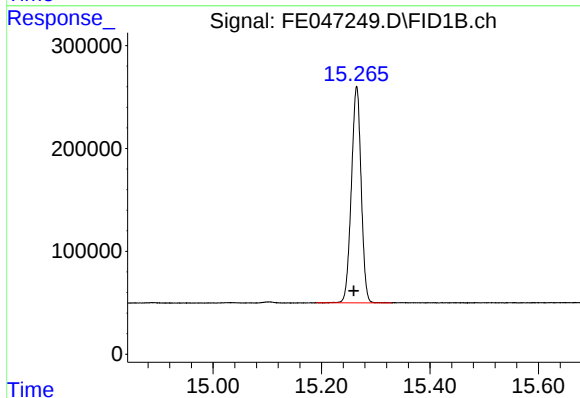
#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min  
Delta R.T.: 0.003 min  
Response: 2249929  
Conc: 17.65 ug/ml



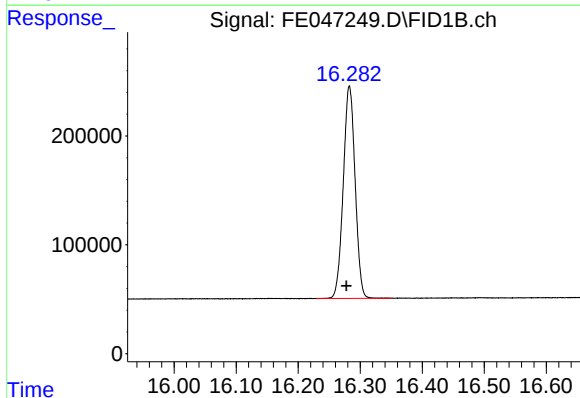
#13 n-Docosane (C22)

R.T.: 14.162 min  
Delta R.T.: 0.003 min  
Response: 2638139  
Conc: 17.53 ug/ml



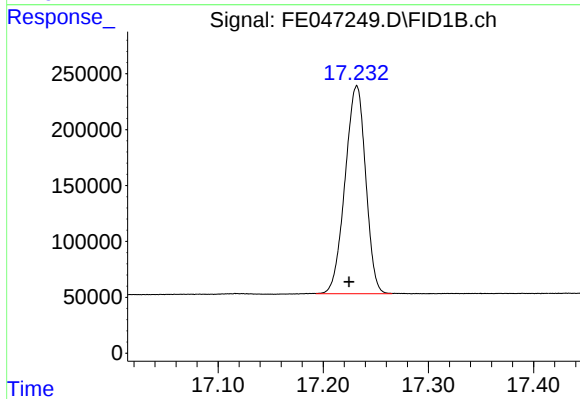
#14 n-Tetracosane (C24)

R.T.: 15.265 min  
Delta R.T.: 0.005 min  
Response: 2628151  
Conc: 17.60 ug/ml



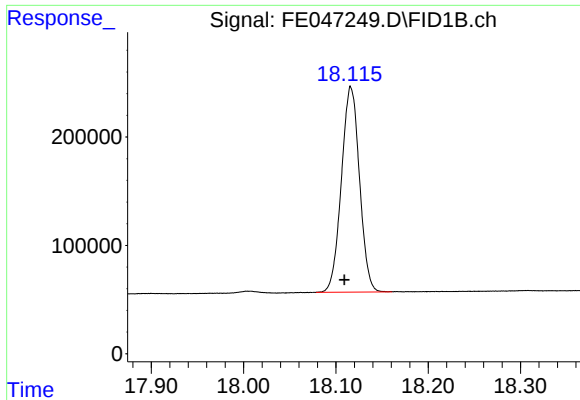
#15 n-Hexacosane (C26)

R.T.: 16.283 min  
Delta R.T.: 0.005 min  
Response: 2586443  
Conc: 17.75 ug/ml



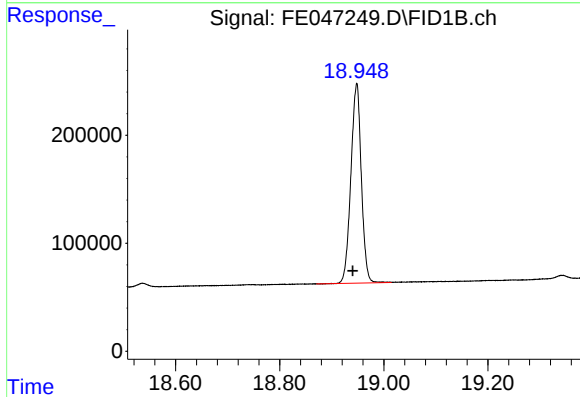
#16 n-Octacosane (C28)

R.T.: 17.232 min  
Delta R.T.: 0.007 min  
Response: 2529380  
Conc: 17.93 ug/ml m



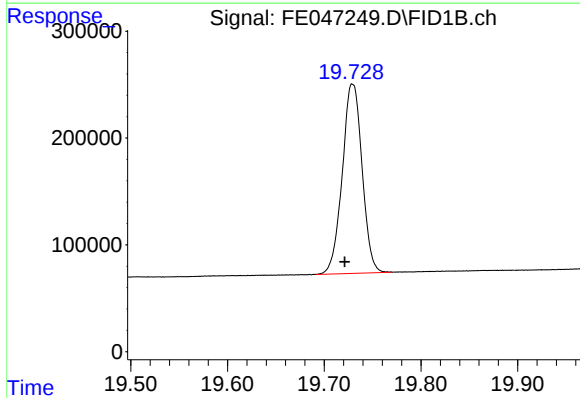
#17 n-Tricontane (C30)

R.T.: 18.115 min  
Delta R.T.: 0.006 min  
Response: 2582869  
Conc: 18.27 ug/ml m



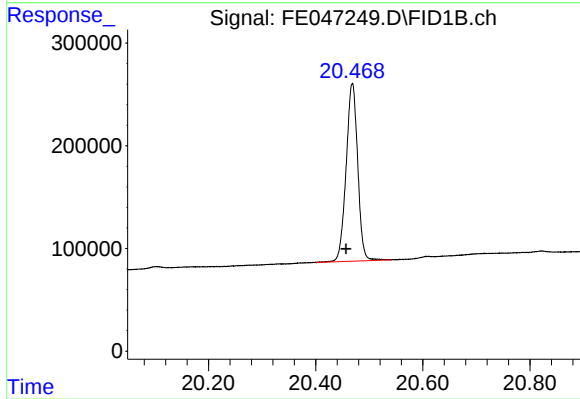
#18 n-Dotriacontane (C32)

R.T.: 18.948 min  
Delta R.T.: 0.008 min  
Response: 2571947  
Conc: 18.65 ug/ml



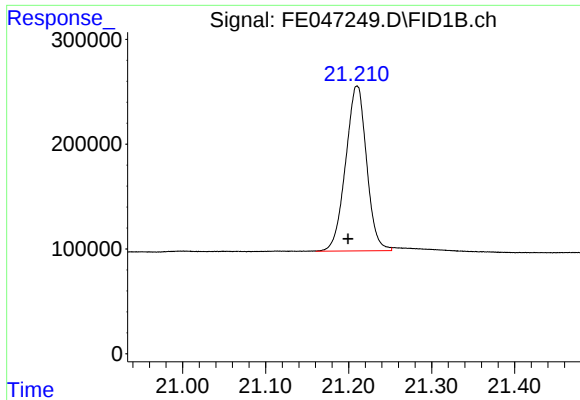
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min  
Delta R.T.: 0.007 min  
Response: 2524865  
Conc: 19.34 ug/ml m



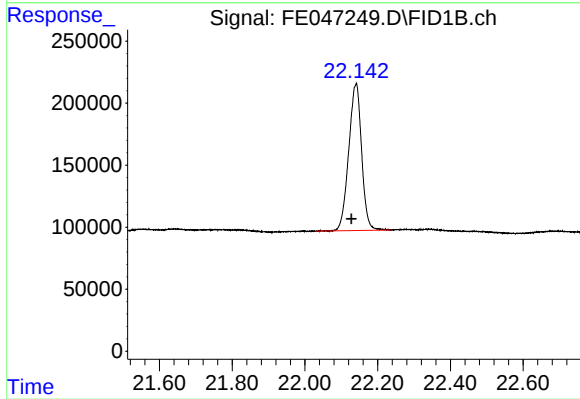
#20 n-Hexatriacontane (C36)

R.T.: 20.468 min  
Delta R.T.: 0.012 min  
Response: 2594466  
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.210 min  
Delta R.T.: 0.011 min  
Response: 2761572  
Conc: 22.24 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.141 min  
Delta R.T.: 0.013 min  
Response: 2908186  
Conc: 24.73 ug/ml