

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022624AL\  
 Data File : FE046923.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Feb 2024 12:43  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 26 22:52:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 20 11:04:00 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)    | 11.791 | 3100633    | 18.872 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.74%        |
| 12) S 1-chlorooctadecane (S... | 13.234 | 2376912    | 19.309 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.62%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.179  | 2711572    | 17.782 ug/ml  |
| 2) T n-Decane (C10)            | 4.430  | 2882215    | 18.609 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.136  | 2860689    | 18.163 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.599  | 2897924    | 18.638 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.234  | 2548844    | 17.775 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.425  | 2909555    | 18.869 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.035 | 3017533    | 19.018 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.478 | 3062905    | 19.213 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.788 | 2929815    | 19.356 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.400 | 2851346    | 19.255 ug/ml  |
| 13) T n-Docosane (C22)         | 13.985 | 2890261    | 19.865 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.089 | 3015115    | 21.112 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.110 | 3004314    | 21.499 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.062 | 3036215    | 22.286 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.950 | 3198644    | 22.926 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.783 | 3078216    | 22.370 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.567 | 2776265    | 20.667 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.309 | 2505739    | 18.817 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.030 | 2328792    | 16.902 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.905 | 2261061    | 16.026 ug/mlm |
| -----                          |        |            |               |

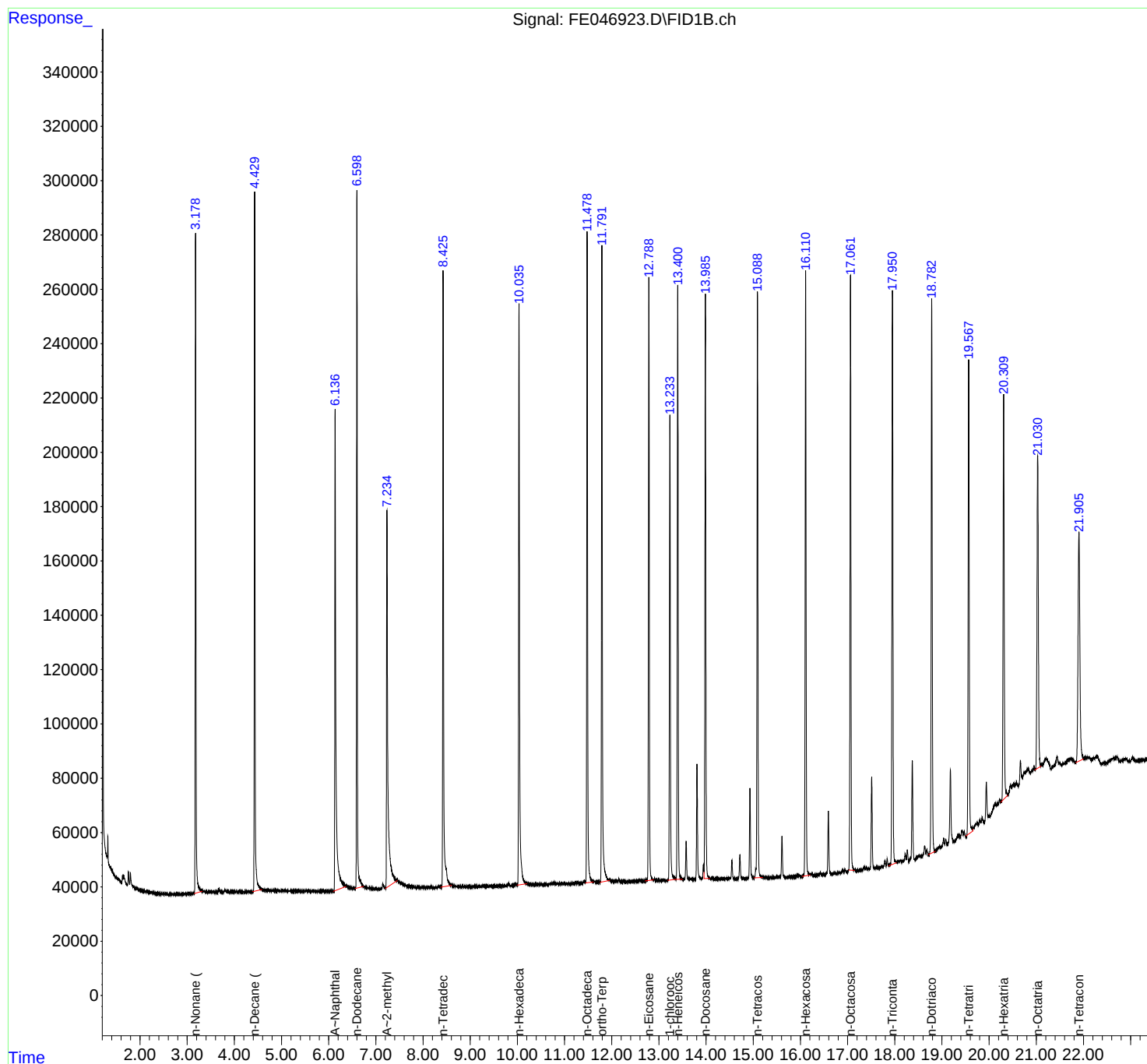
(f)=RT Delta > 1/2 Window

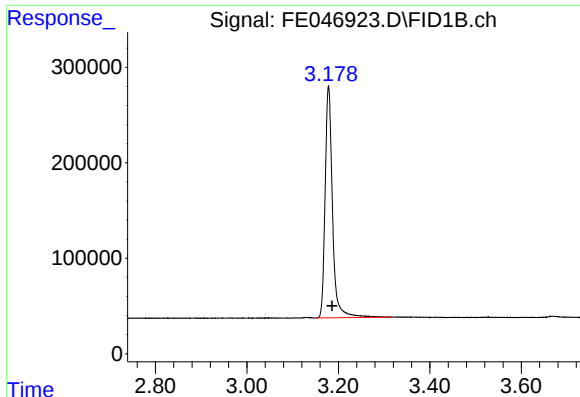
(m)=manual int.

```
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022624AL\
Data File : FE046923.D
Signal(s) : FID1B.ch
Acq On    : 26 Feb 2024  12:43
Operator  : YP\AJ
Sample    : 20 PPM ALIPHATIC HC STD
Misc      :
ALS Vial  : 3      Sample Multiplier: 1
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022024.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 20 11:04:00 2024  
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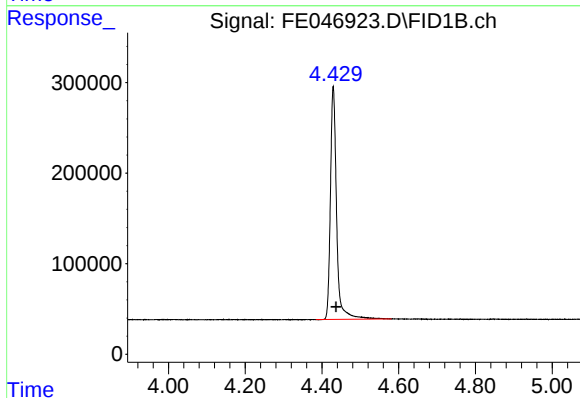
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





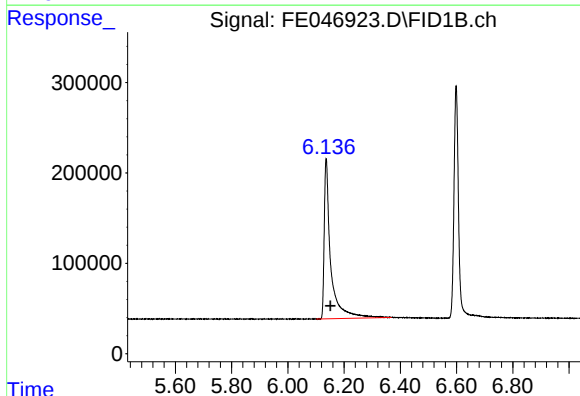
#1 n-Nonane (C9)

R.T.: 3.179 min  
Delta R.T.: -0.007 min  
Response: 2711572  
Conc: 17.78 ug/ml



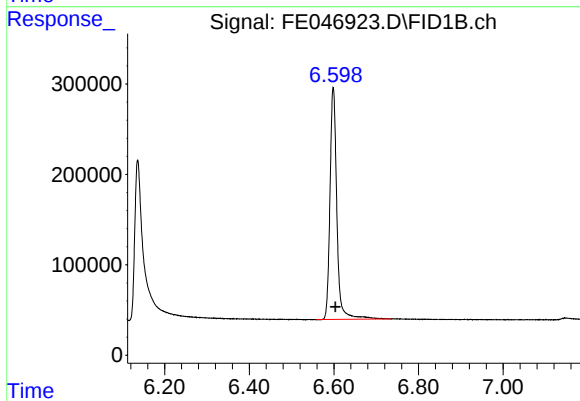
#2 n-Decane (C10)

R.T.: 4.430 min  
Delta R.T.: -0.007 min  
Response: 2882215  
Conc: 18.61 ug/ml



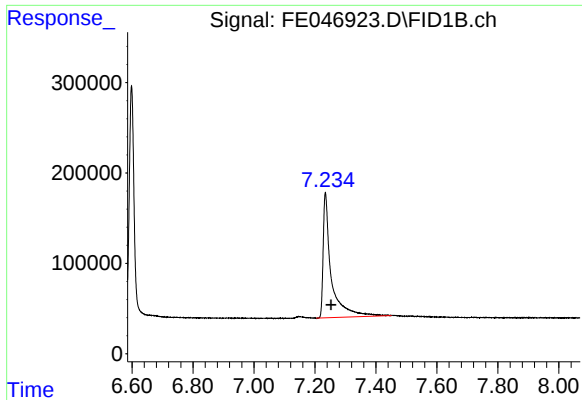
#3 A~Naphthalene (C11.7)

R.T.: 6.136 min  
Delta R.T.: -0.015 min  
Response: 2860689  
Conc: 18.16 ug/ml



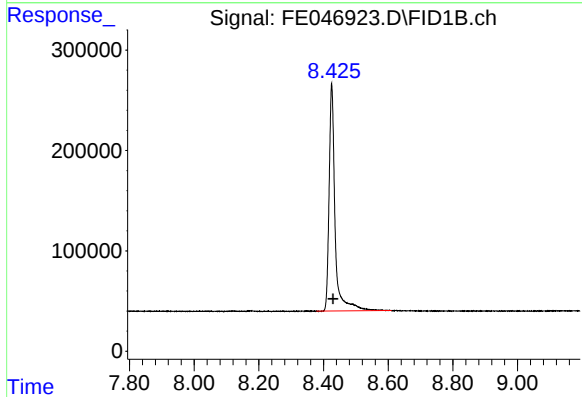
#4 n-Dodecane (C12)

R.T.: 6.599 min  
Delta R.T.: -0.005 min  
Response: 2897924  
Conc: 18.64 ug/ml



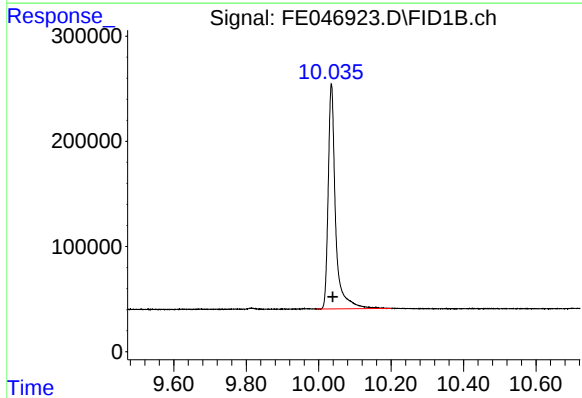
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.234 min  
Delta R.T.: -0.018 min  
Response: 2548844  
Conc: 17.77 ug/ml



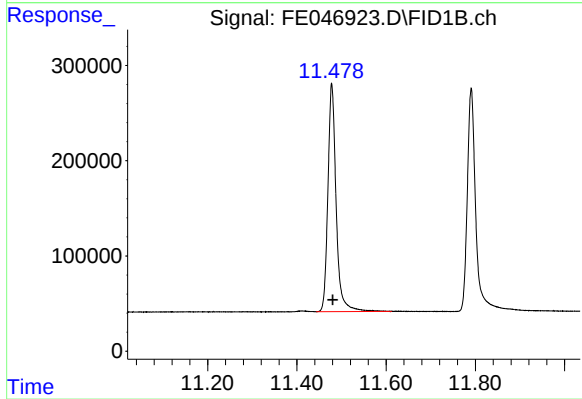
#6 n-Tetradecane (C14)

R.T.: 8.425 min  
Delta R.T.: -0.004 min  
Response: 2909555  
Conc: 18.87 ug/ml



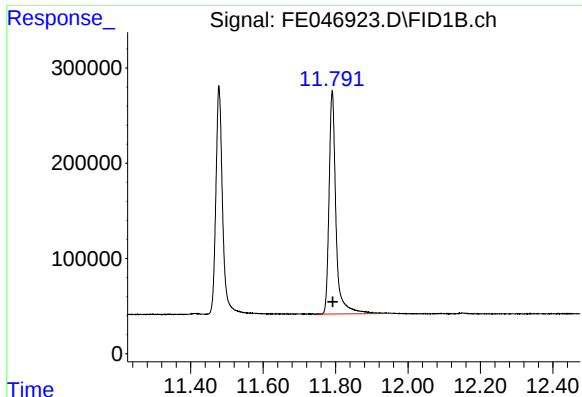
#7 n-Hexadecane (C16)

R.T.: 10.035 min  
Delta R.T.: -0.003 min  
Response: 3017533  
Conc: 19.02 ug/ml



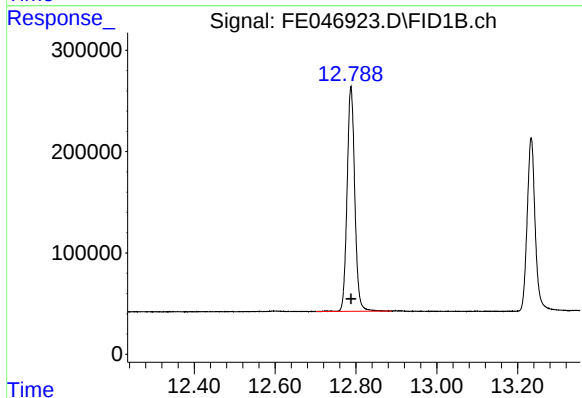
#8 n-Octadecane (C18)

R.T.: 11.478 min  
Delta R.T.: -0.002 min  
Response: 3062905  
Conc: 19.21 ug/ml



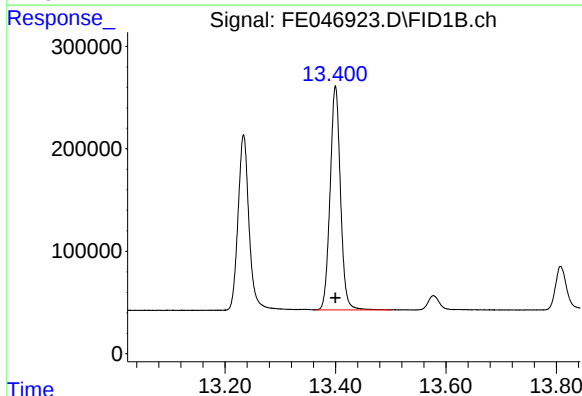
#9 ortho-Terphenyl (SURR)

R.T.: 11.791 min  
Delta R.T.: -0.001 min  
Response: 3100633  
Conc: 18.87 ug/ml



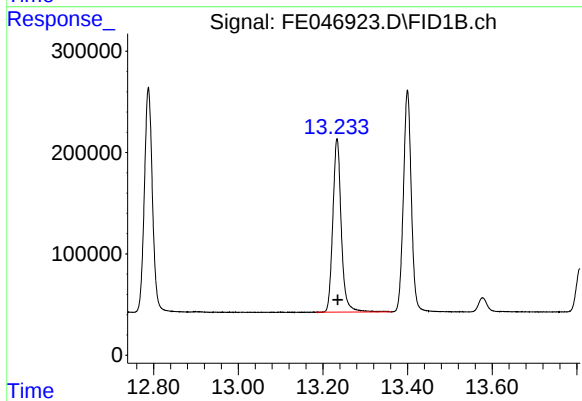
#10 n-Eicosane (C20)

R.T.: 12.788 min  
Delta R.T.: 0.000 min  
Response: 2929815  
Conc: 19.36 ug/ml



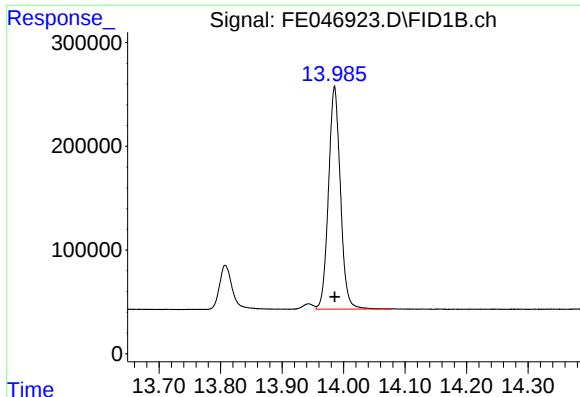
#11 n-Heneicosane (C21)

R.T.: 13.400 min  
Delta R.T.: 0.000 min  
Response: 2851346  
Conc: 19.26 ug/ml



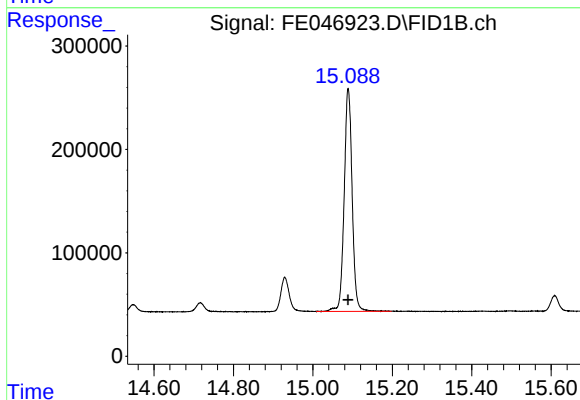
#12 1-chlorooctadecane (SURR)

R.T.: 13.234 min  
Delta R.T.: -0.001 min  
Response: 2376912  
Conc: 19.31 ug/ml



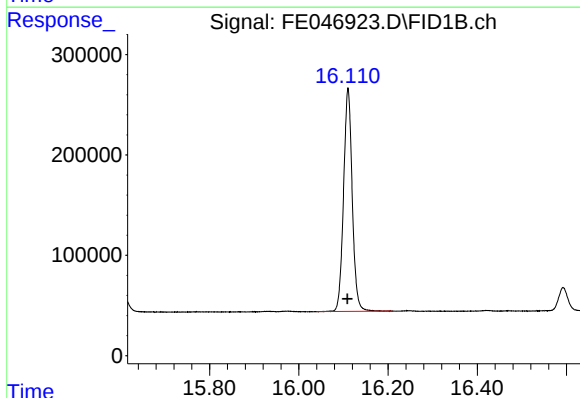
#13 n-Docosane (C22)

R.T.: 13.985 min  
Delta R.T.: 0.000 min  
Response: 2890261  
Conc: 19.87 ug/ml



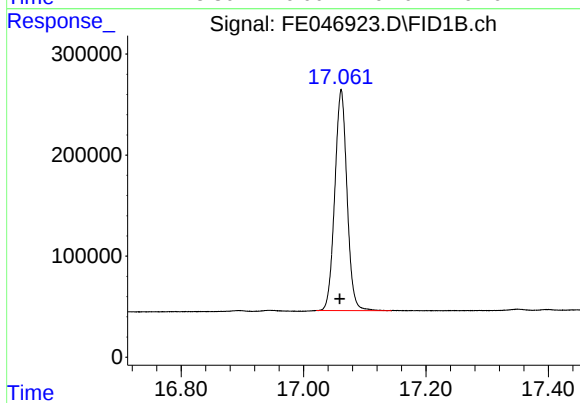
#14 n-Tetracosane (C24)

R.T.: 15.089 min  
Delta R.T.: 0.000 min  
Response: 3015115  
Conc: 21.11 ug/ml



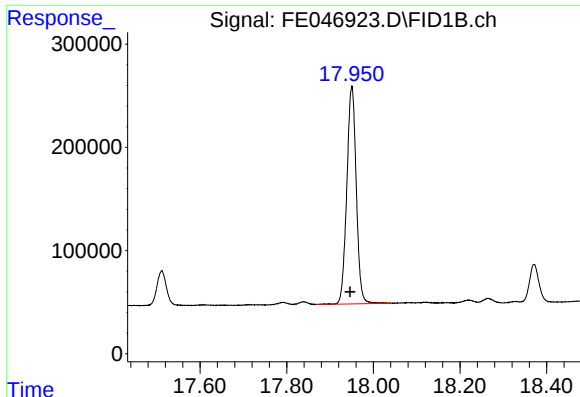
#15 n-Hexacosane (C26)

R.T.: 16.110 min  
Delta R.T.: 0.001 min  
Response: 3004314  
Conc: 21.50 ug/ml



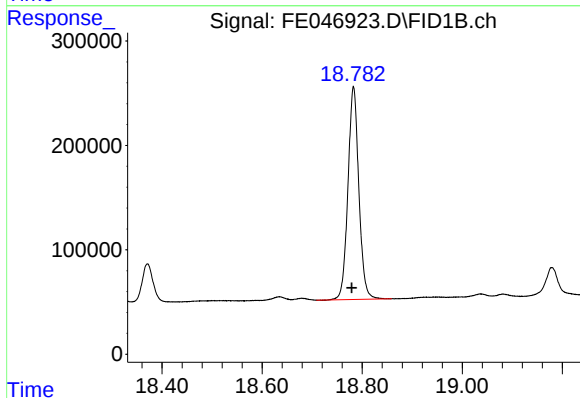
#16 n-Octacosane (C28)

R.T.: 17.062 min  
Delta R.T.: 0.003 min  
Response: 3036215  
Conc: 22.29 ug/ml



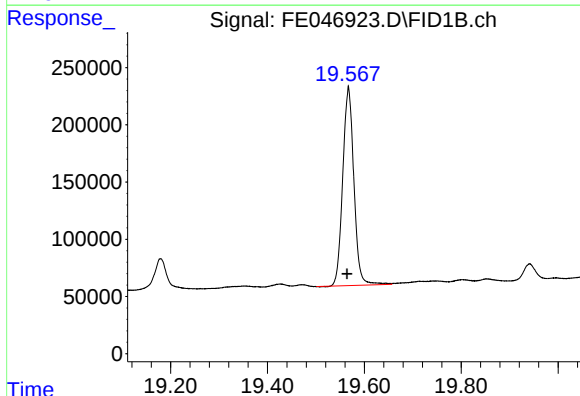
#17 n-Tricontane (C30)

R.T.: 17.950 min  
Delta R.T.: 0.004 min  
Response: 3198644  
Conc: 22.93 ug/ml



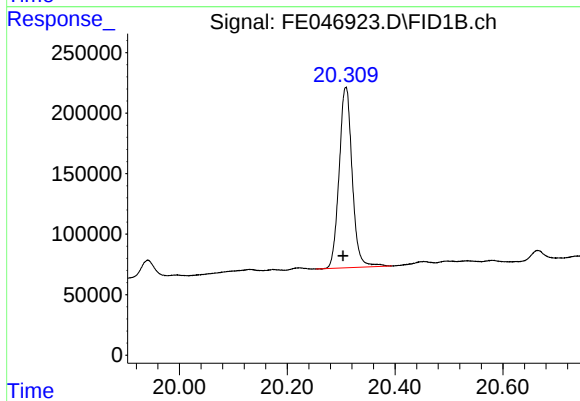
#18 n-Dotriacontane (C32)

R.T.: 18.783 min  
Delta R.T.: 0.004 min  
Response: 3078216  
Conc: 22.37 ug/ml



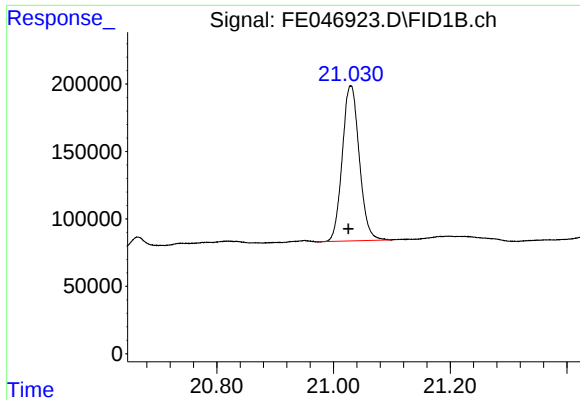
#19 n-Tetratriacontane (C34)

R.T.: 19.567 min  
Delta R.T.: 0.003 min  
Response: 2776265  
Conc: 20.67 ug/ml



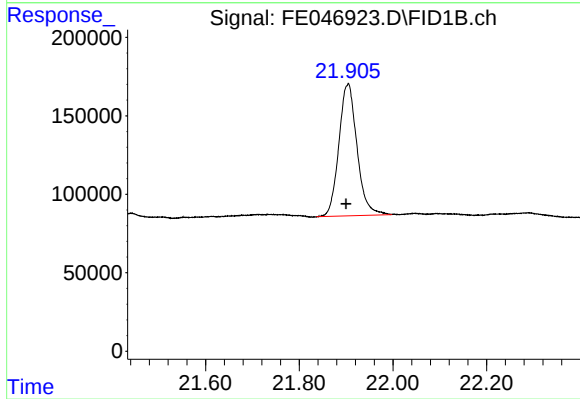
#20 n-Hexatriacontane (C36)

R.T.: 20.309 min  
Delta R.T.: 0.005 min  
Response: 2505739  
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.030 min  
Delta R.T.: 0.004 min  
Response: 2328792  
Conc: 16.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.905 min  
Delta R.T.: 0.005 min  
Response: 2261061  
Conc: 16.03 ug/ml m