

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012723AL\  
 Data File : FE040081.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Jan 2023 11:39  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 27 23:57:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 10 04:24:52 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)    | 11.902 | 3091793    | 20.133 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.27%       |
| 12) S 1-chlorooctadecane (S... | 13.339 | 2365276    | 20.268 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.54%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.299  | 2658016    | 20.940 ug/ml |
| 2) T n-Decane (C10)            | 4.547  | 2642167    | 21.276 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.248  | 2885713    | 20.462 ug/ml |
| 4) T n-Dodecane (C12)          | 6.710  | 2671836    | 21.251 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.343  | 2703868    | 20.644 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.536  | 2721510    | 21.160 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.143 | 2824558    | 20.937 ug/ml |
| 8) T n-Octadecane (C18)        | 11.586 | 2884737    | 20.587 ug/ml |
| 10) T n-Eicosane (C20)         | 12.895 | 2813031    | 20.303 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.507 | 2814685    | 20.171 ug/ml |
| 13) T n-Docosane (C22)         | 14.093 | 2792388    | 20.118 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.196 | 2790284    | 20.266 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.218 | 2710718    | 20.310 ug/ml |
| 16) T n-Octacosane (C28)       | 17.167 | 2743175    | 21.073 ug/ml |
| 17) T n-Tricontane (C30)       | 18.057 | 2882052    | 22.600 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.891 | 2955128    | 23.375 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.675 | 2789424    | 22.574 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.415 | 2729464    | 23.151 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.147 | 2466581    | 20.638 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.046 | 2515897    | 20.730 ug/ml |
| -----                          |        |            |              |

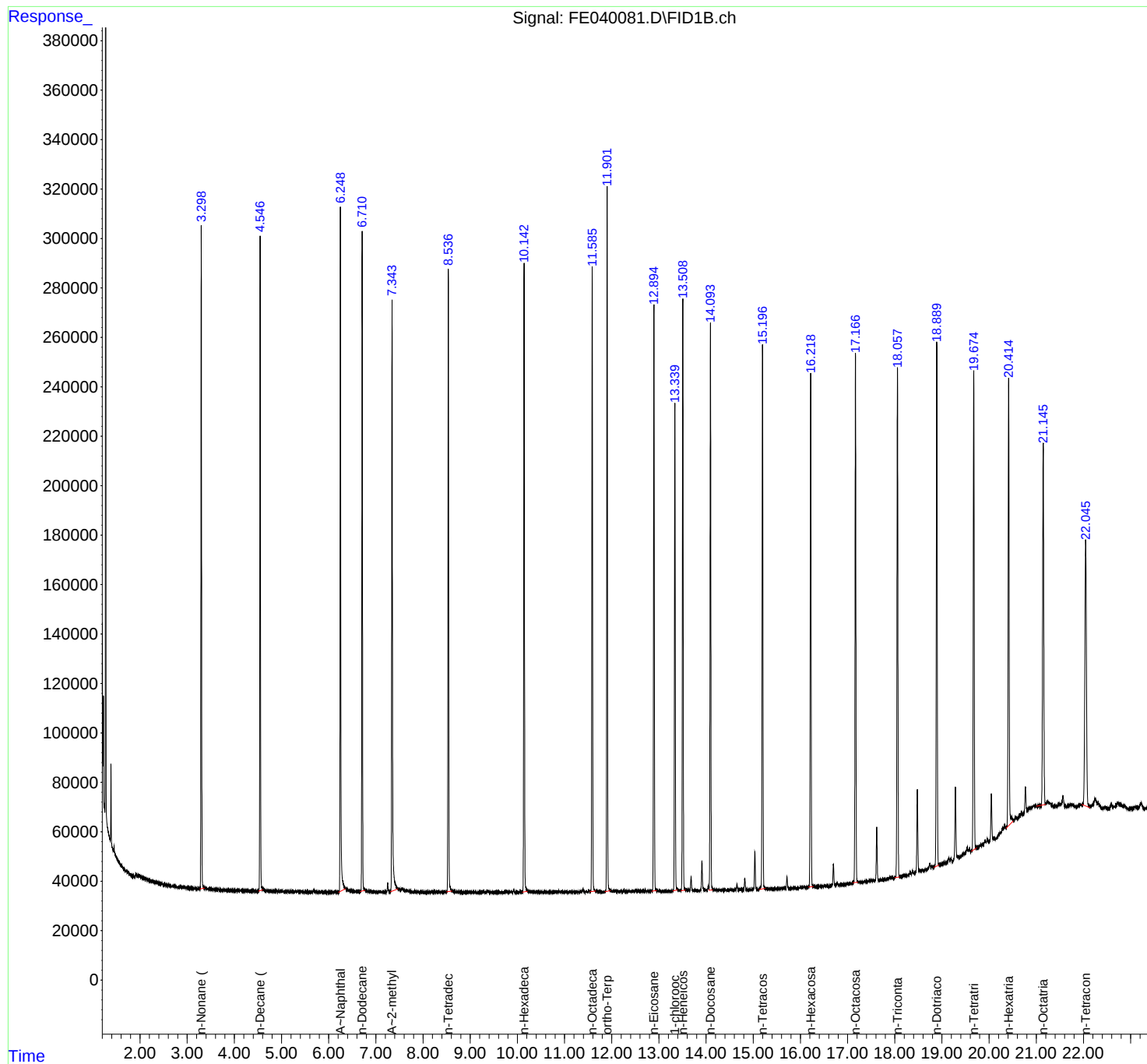
(f)=RT Delta > 1/2 Window

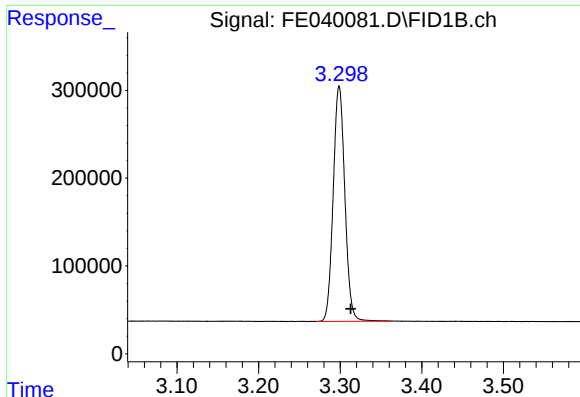
(m)=manual int.

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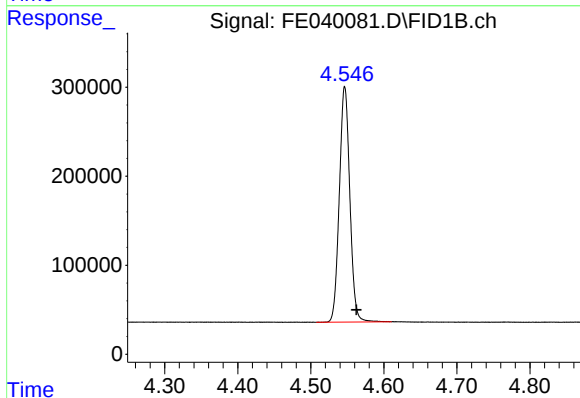
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





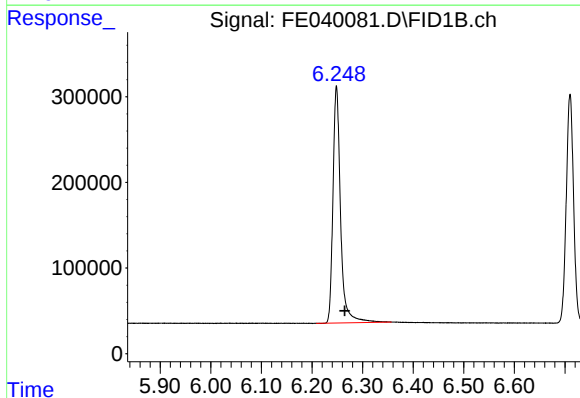
#1 n-Nonane (C9)

R.T.: 3.299 min  
Delta R.T.: -0.014 min  
Response: 2658016  
Conc: 20.94 ug/ml



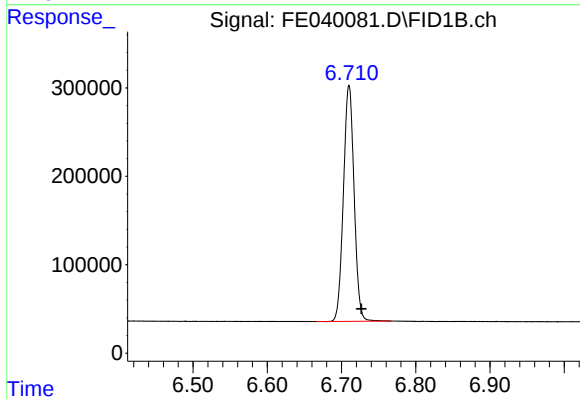
#2 n-Decane (C10)

R.T.: 4.547 min  
Delta R.T.: -0.016 min  
Response: 2642167  
Conc: 21.28 ug/ml



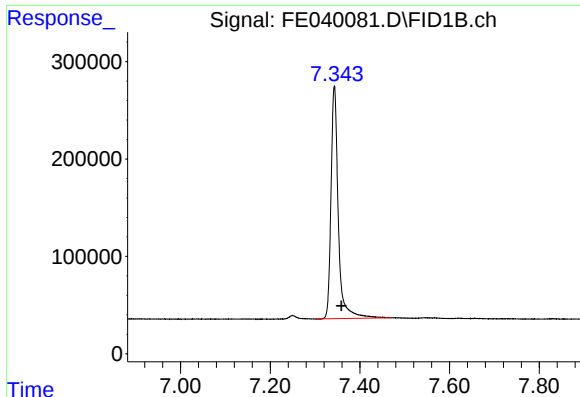
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min  
Delta R.T.: -0.016 min  
Response: 2885713  
Conc: 20.46 ug/ml



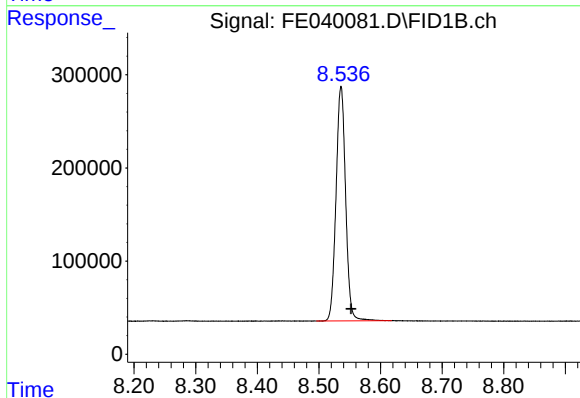
#4 n-Dodecane (C12)

R.T.: 6.710 min  
Delta R.T.: -0.017 min  
Response: 2671836  
Conc: 21.25 ug/ml



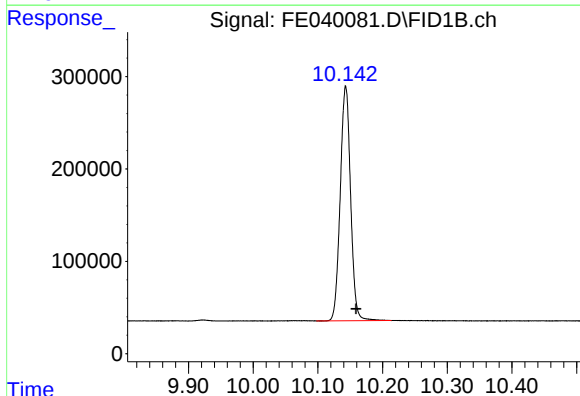
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.343 min  
Delta R.T.: -0.016 min  
Response: 2703868  
Conc: 20.64 ug/ml



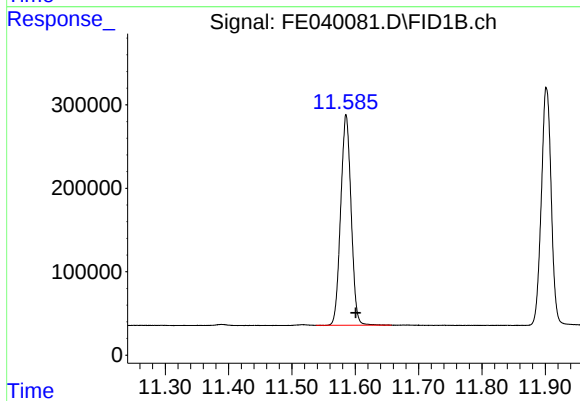
#6 n-Tetradecane (C14)

R.T.: 8.536 min  
Delta R.T.: -0.016 min  
Response: 2721510  
Conc: 21.16 ug/ml



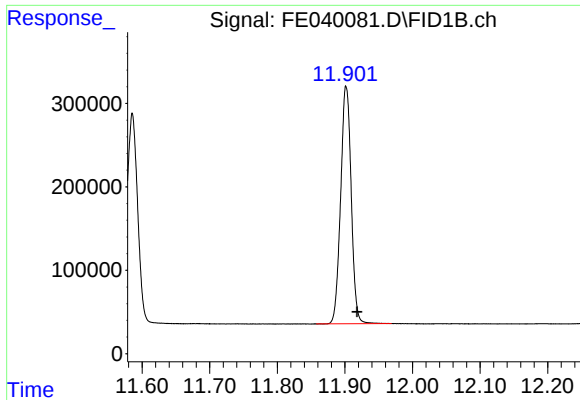
#7 n-Hexadecane (C16)

R.T.: 10.143 min  
Delta R.T.: -0.016 min  
Response: 2824558  
Conc: 20.94 ug/ml



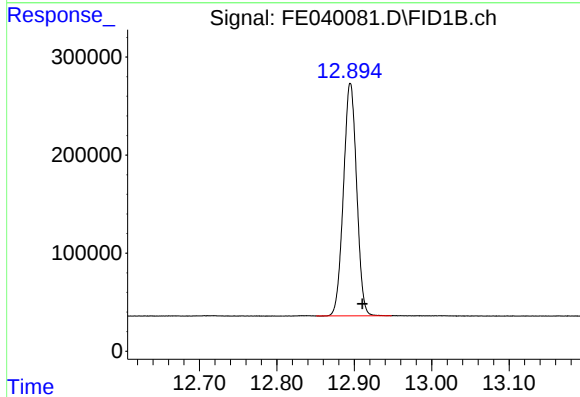
#8 n-Octadecane (C18)

R.T.: 11.586 min  
Delta R.T.: -0.015 min  
Response: 2884737  
Conc: 20.59 ug/ml



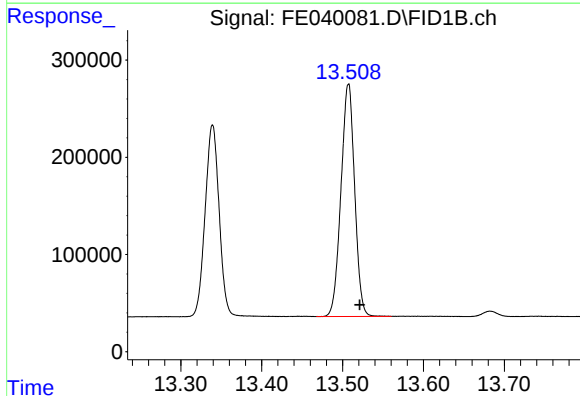
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min  
Delta R.T.: -0.016 min  
Response: 3091793  
Conc: 20.13 ug/ml



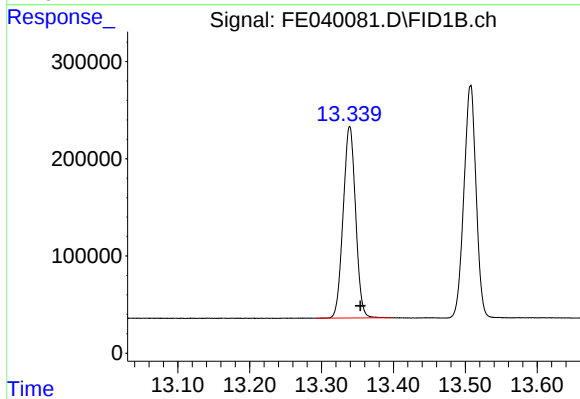
#10 n-Eicosane (C20)

R.T.: 12.895 min  
Delta R.T.: -0.016 min  
Response: 2813031  
Conc: 20.30 ug/ml



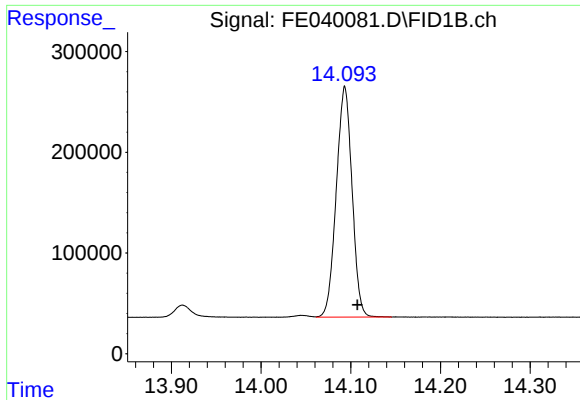
#11 n-Heneicosane (C21)

R.T.: 13.507 min  
Delta R.T.: -0.014 min  
Response: 2814685  
Conc: 20.17 ug/ml



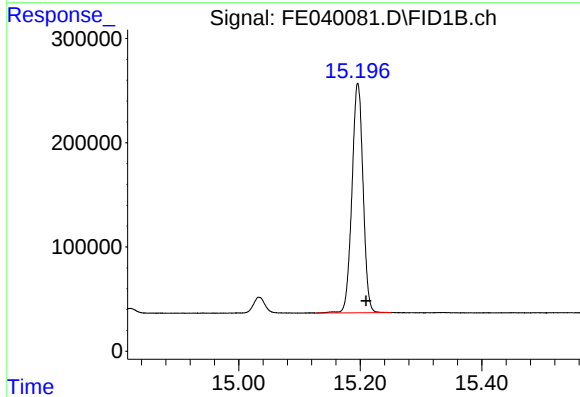
#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min  
Delta R.T.: -0.015 min  
Response: 2365276  
Conc: 20.27 ug/ml



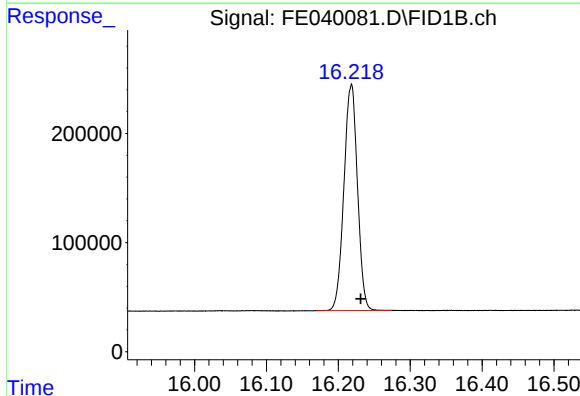
#13 n-Docosane (C22)

R.T.: 14.093 min  
Delta R.T.: -0.014 min  
Response: 2792388  
Conc: 20.12 ug/ml



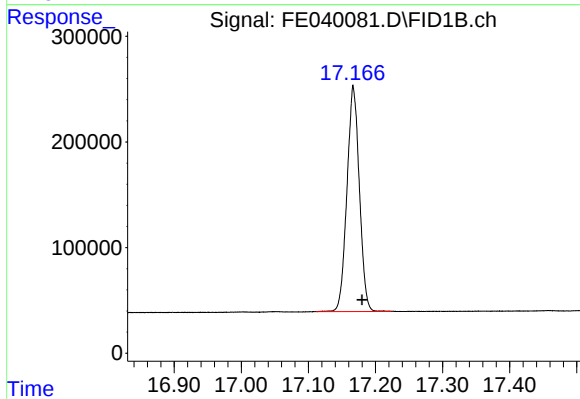
#14 n-Tetracosane (C24)

R.T.: 15.196 min  
Delta R.T.: -0.014 min  
Response: 2790284  
Conc: 20.27 ug/ml



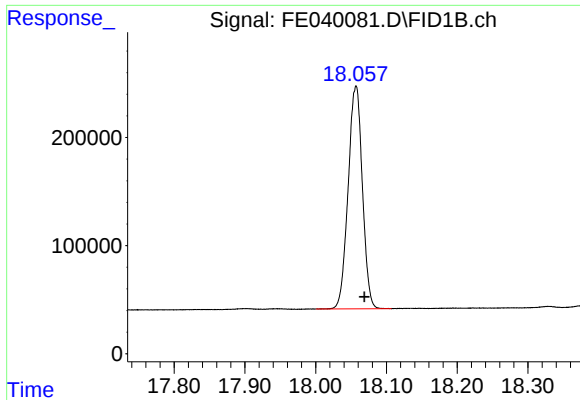
#15 n-Hexacosane (C26)

R.T.: 16.218 min  
Delta R.T.: -0.013 min  
Response: 2710718  
Conc: 20.31 ug/ml



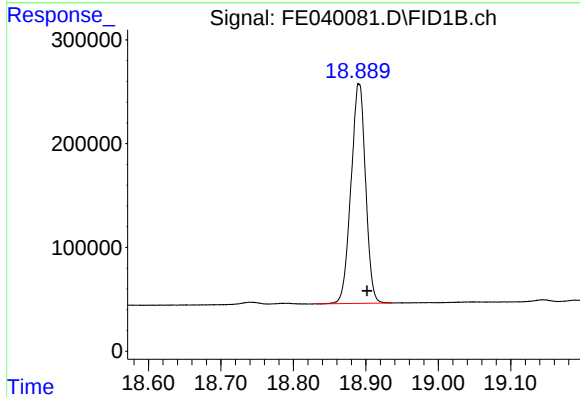
#16 n-Octacosane (C28)

R.T.: 17.167 min  
Delta R.T.: -0.013 min  
Response: 2743175  
Conc: 21.07 ug/ml



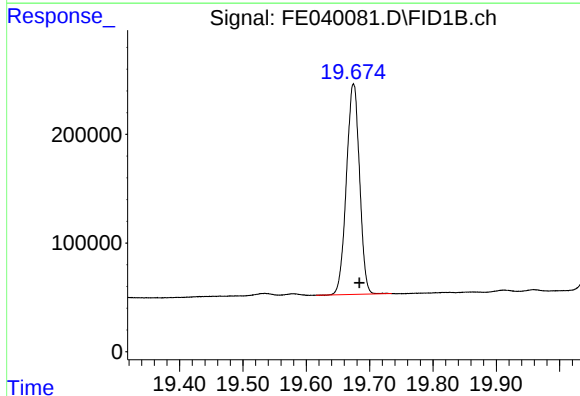
#17 n-Tricontane (C30)

R.T.: 18.057 min  
Delta R.T.: -0.012 min  
Response: 2882052  
Conc: 22.60 ug/ml



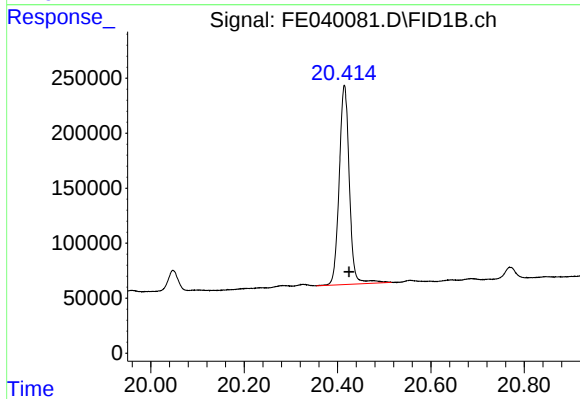
#18 n-Dotriacontane (C32)

R.T.: 18.891 min  
Delta R.T.: -0.011 min  
Response: 2955128  
Conc: 23.38 ug/ml



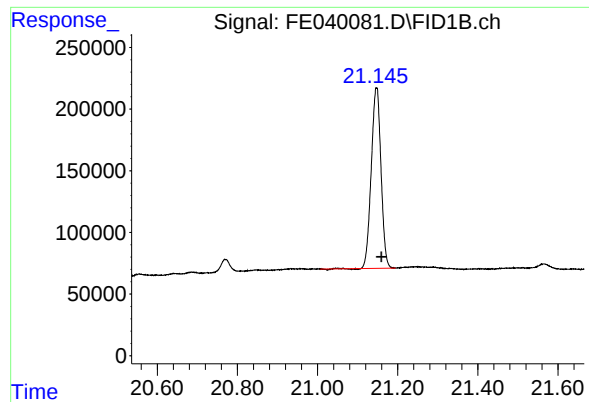
#19 n-Tetratriacontane (C34)

R.T.: 19.675 min  
Delta R.T.: -0.009 min  
Response: 2789424  
Conc: 22.57 ug/ml



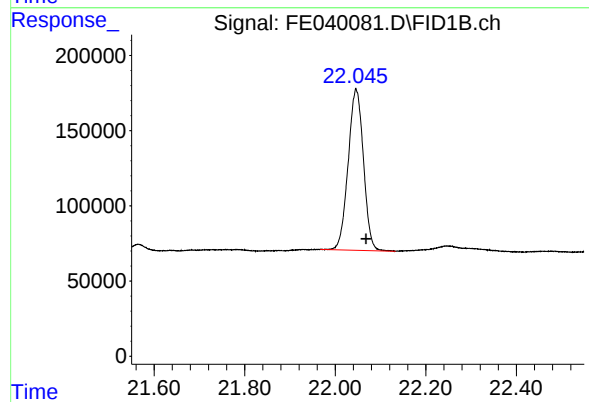
#20 n-Hexatriacontane (C36)

R.T.: 20.415 min  
Delta R.T.: -0.010 min  
Response: 2729464  
Conc: 23.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min  
Delta R.T.: -0.012 min  
Response: 2466581  
Conc: 20.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.046 min  
Delta R.T.: -0.022 min  
Response: 2515897  
Conc: 20.73 ug/ml