

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE031423AL\  
 Data File : FE040781.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Mar 2023 11:57  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 14 18:55:47 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 28 03:05:09 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)    | 11.879 | 3812542    | 20.408 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.82%       |
| 12) S 1-chlorooctadecane (S... | 13.318 | 2965142    | 20.034 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.07%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.274  | 3361090    | 21.843 ug/ml |
| 2) T n-Decane (C10)            | 4.521  | 3344245    | 22.229 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.224  | 3656954    | 22.047 ug/ml |
| 4) T n-Dodecane (C12)          | 6.686  | 3391541    | 22.154 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.319  | 3378681    | 22.324 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.513  | 3433776    | 22.217 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.120 | 3549295    | 21.974 ug/ml |
| 8) T n-Octadecane (C18)        | 11.564 | 3604005    | 21.226 ug/ml |
| 10) T n-Eicosane (C20)         | 12.874 | 3480265    | 20.573 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.486 | 3477702    | 20.295 ug/ml |
| 13) T n-Docosane (C22)         | 14.073 | 3411598    | 19.914 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.178 | 3342961    | 19.392 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.199 | 3196831    | 18.809 ug/ml |
| 16) T n-Octacosane (C28)       | 17.150 | 3141252    | 18.731 ug/ml |
| 17) T n-Tricontane (C30)       | 18.040 | 3159586    | 19.350 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.873 | 3187395    | 18.623 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.659 | 3043775    | 19.687 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.400 | 2811880    | 19.355 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.132 | 2761818    | 20.092 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.025 | 2893380    | 18.725 ug/ml |
| -----                          |        |            |              |

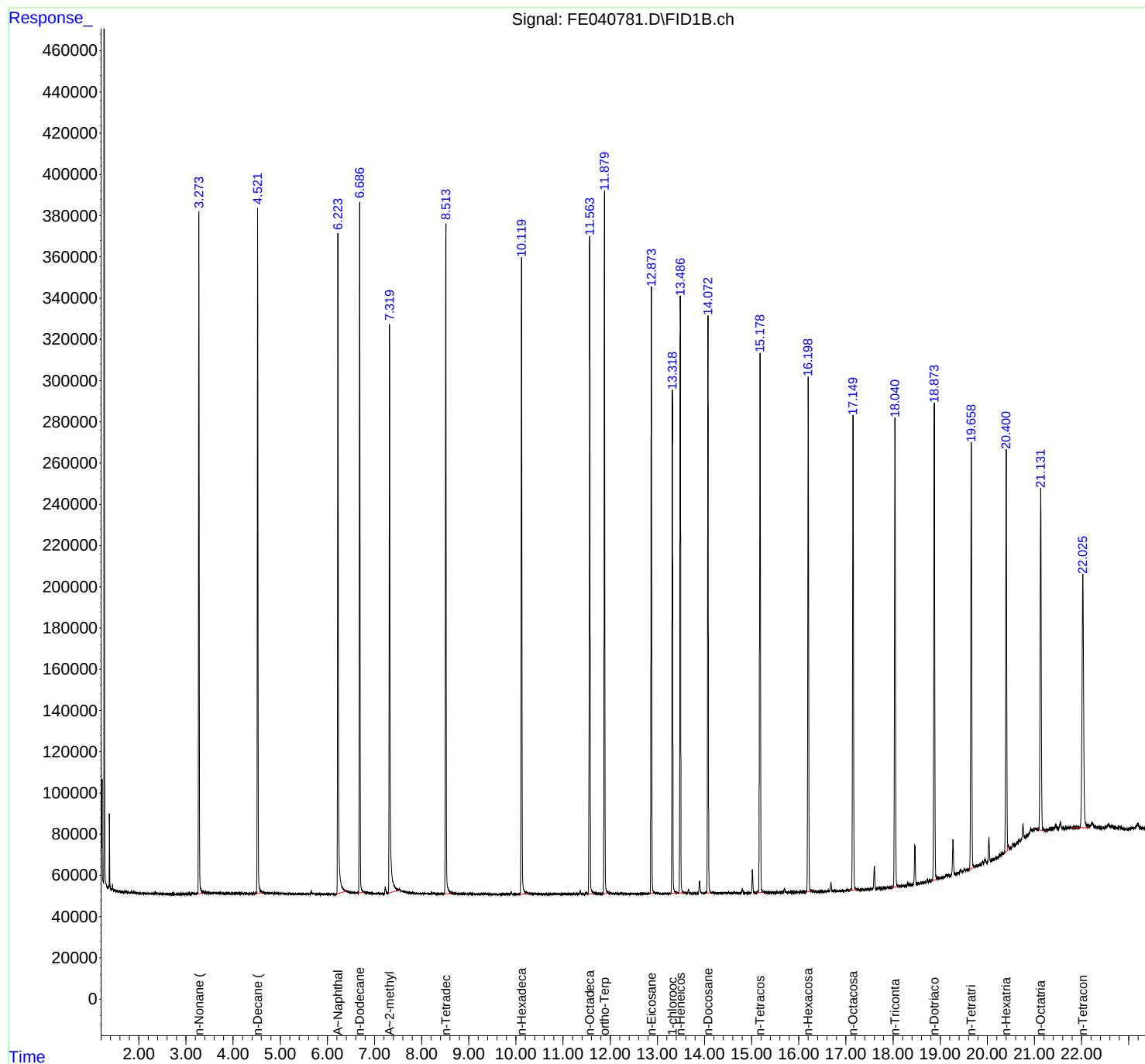
(f)=RT Delta > 1/2 Window

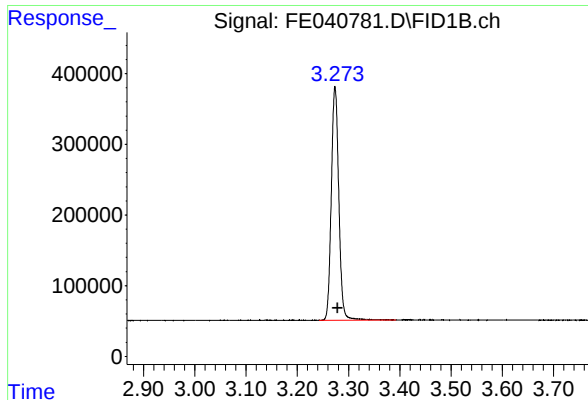
(m)=manual int.

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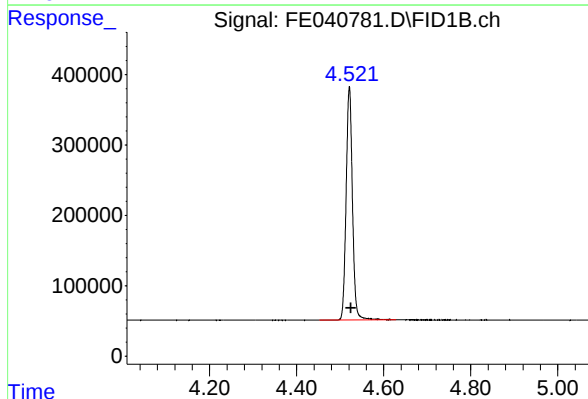
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





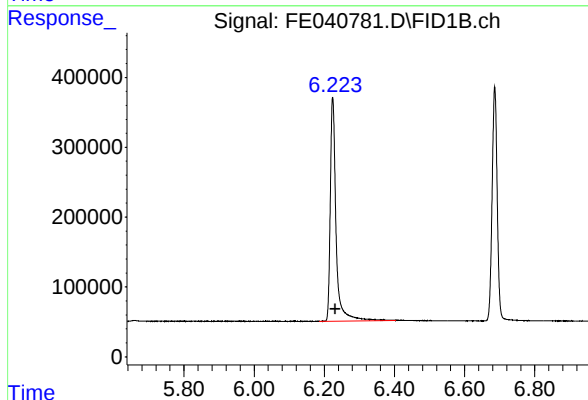
#1 n-Nonane (C9)

R.T.: 3.274 min  
Delta R.T.: -0.005 min  
Response: 3361090  
Conc: 21.84 ug/ml



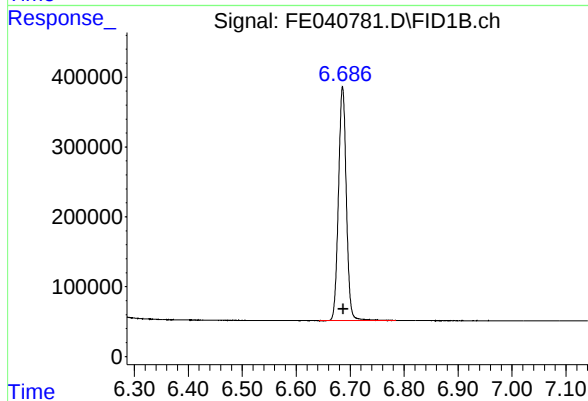
#2 n-Decane (C10)

R.T.: 4.521 min  
Delta R.T.: -0.004 min  
Response: 3344245  
Conc: 22.23 ug/ml



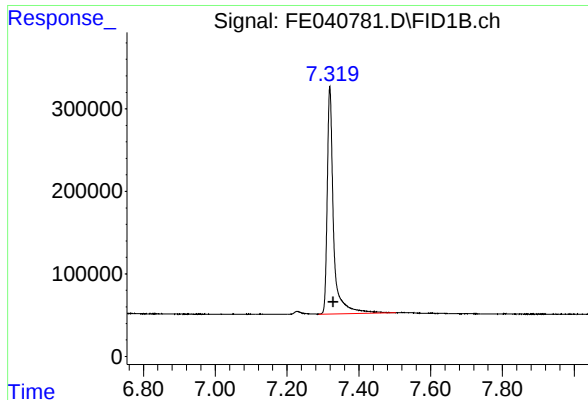
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min  
Delta R.T.: -0.007 min  
Response: 3656954  
Conc: 22.05 ug/ml



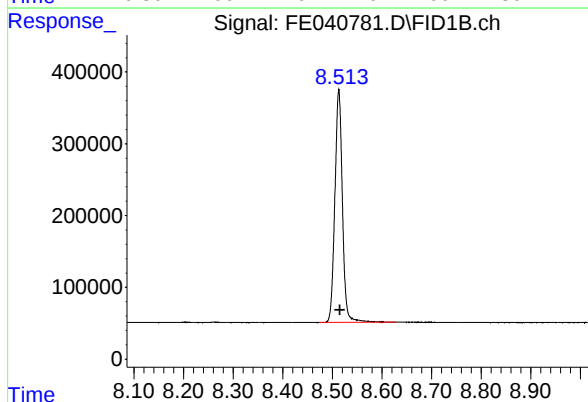
#4 n-Dodecane (C12)

R.T.: 6.686 min  
Delta R.T.: -0.002 min  
Response: 3391541  
Conc: 22.15 ug/ml



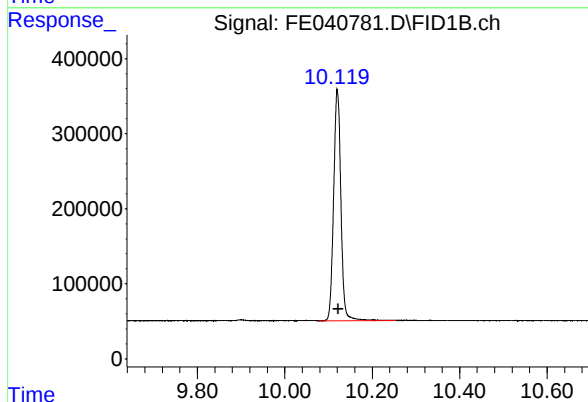
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min  
Delta R.T.: -0.009 min  
Response: 3378681  
Conc: 22.32 ug/ml



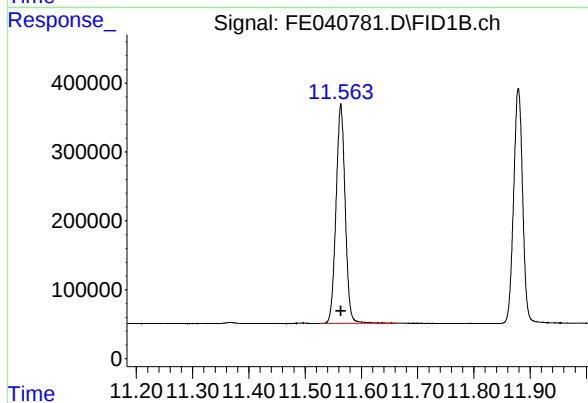
#6 n-Tetradecane (C14)

R.T.: 8.513 min  
Delta R.T.: -0.002 min  
Response: 3433776  
Conc: 22.22 ug/ml



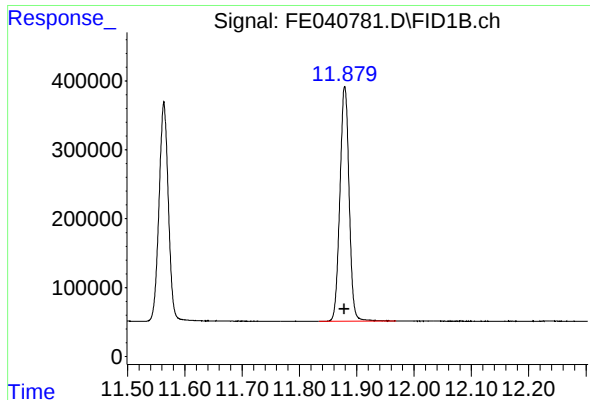
#7 n-Hexadecane (C16)

R.T.: 10.120 min  
Delta R.T.: -0.003 min  
Response: 3549295  
Conc: 21.97 ug/ml



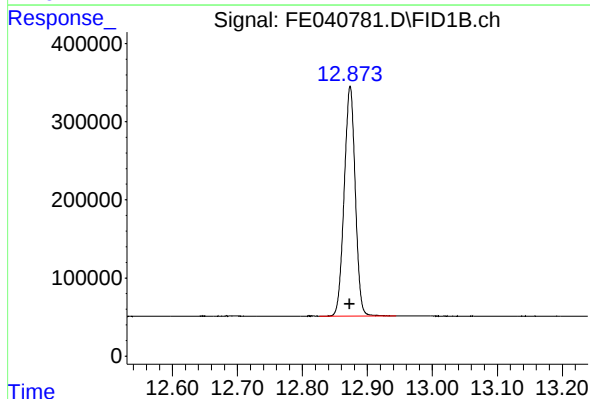
#8 n-Octadecane (C18)

R.T.: 11.564 min  
Delta R.T.: 0.000 min  
Response: 3604005  
Conc: 21.23 ug/ml



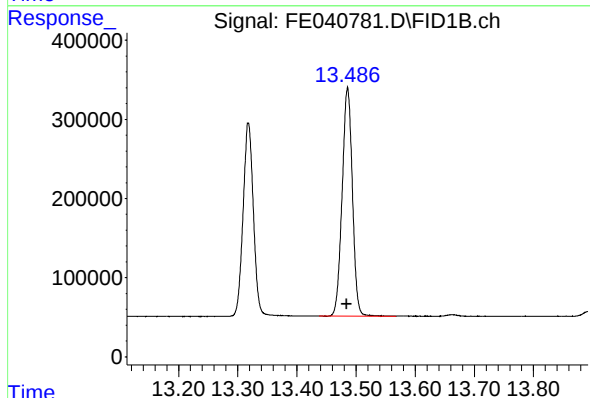
#9 ortho-Terphenyl (SURR)

R.T.: 11.879 min  
Delta R.T.: 0.000 min  
Response: 3812542  
Conc: 20.41 ug/ml



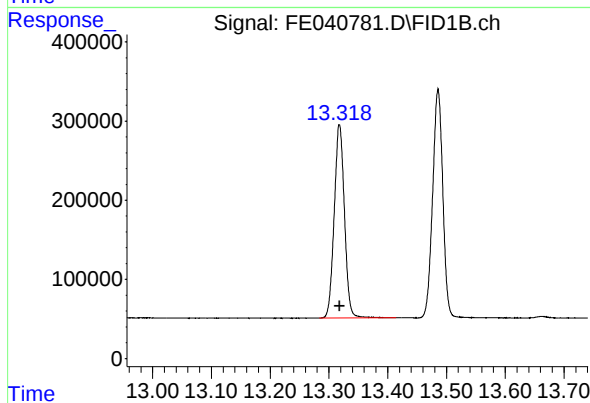
#10 n-Eicosane (C20)

R.T.: 12.874 min  
Delta R.T.: 0.000 min  
Response: 3480265  
Conc: 20.57 ug/ml



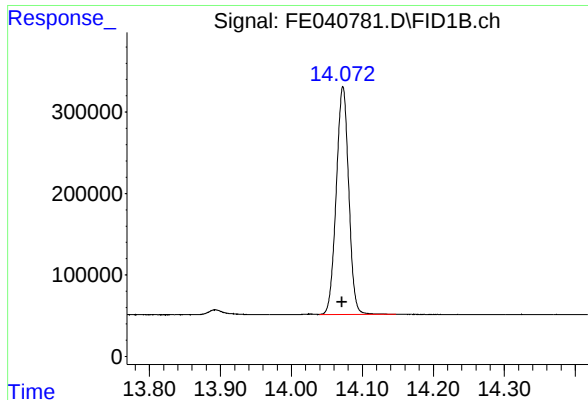
#11 n-Heneicosane (C21)

R.T.: 13.486 min  
Delta R.T.: 0.002 min  
Response: 3477702  
Conc: 20.29 ug/ml



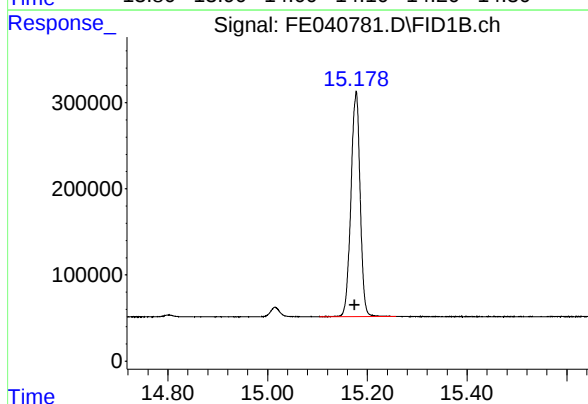
#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min  
Delta R.T.: 0.000 min  
Response: 2965142  
Conc: 20.03 ug/ml



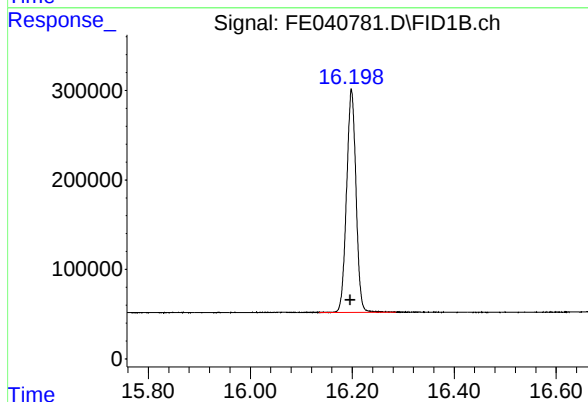
#13 n-Docosane (C22)

R.T.: 14.073 min  
Delta R.T.: 0.001 min  
Response: 3411598  
Conc: 19.91 ug/ml



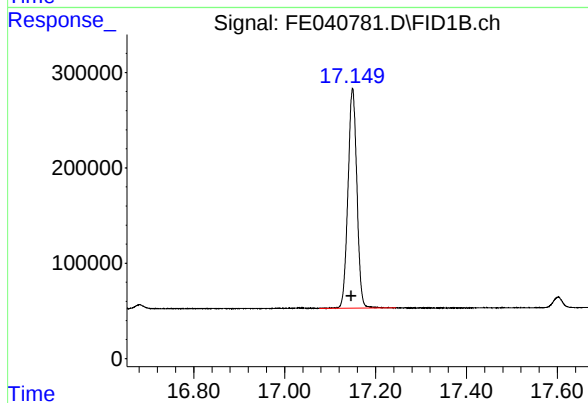
#14 n-Tetracosane (C24)

R.T.: 15.178 min  
Delta R.T.: 0.004 min  
Response: 3342961  
Conc: 19.39 ug/ml



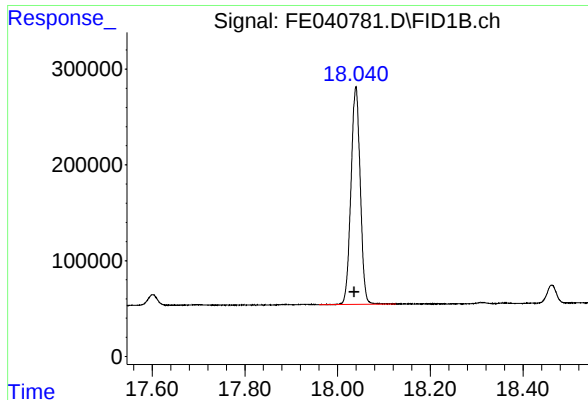
#15 n-Hexacosane (C26)

R.T.: 16.199 min  
Delta R.T.: 0.002 min  
Response: 3196831  
Conc: 18.81 ug/ml



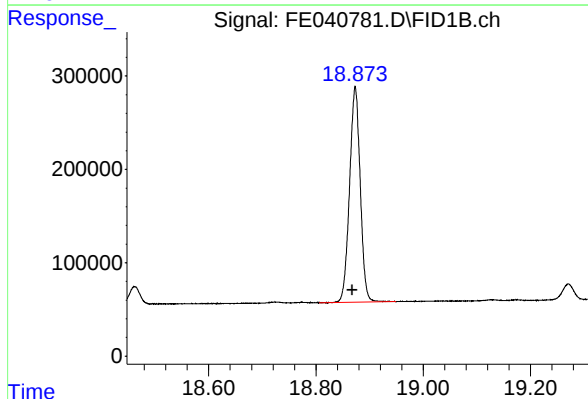
#16 n-Octacosane (C28)

R.T.: 17.150 min  
Delta R.T.: 0.002 min  
Response: 3141252  
Conc: 18.73 ug/ml



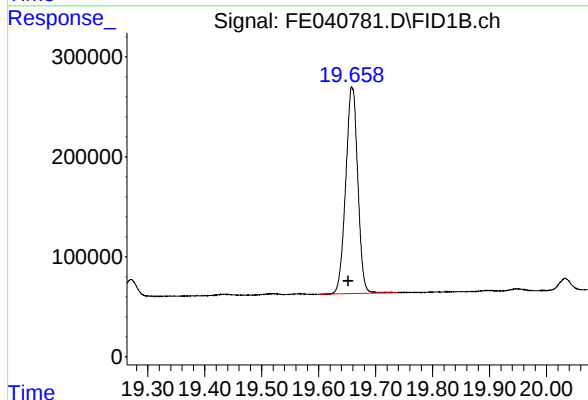
#17 n-Tricontane (C30)

R.T.: 18.040 min  
Delta R.T.: 0.004 min  
Response: 3159586  
Conc: 19.35 ug/ml



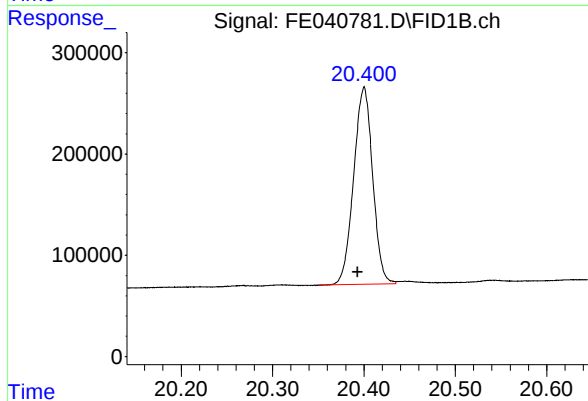
#18 n-Dotriacontane (C32)

R.T.: 18.873 min  
Delta R.T.: 0.005 min  
Response: 3187395  
Conc: 18.62 ug/ml



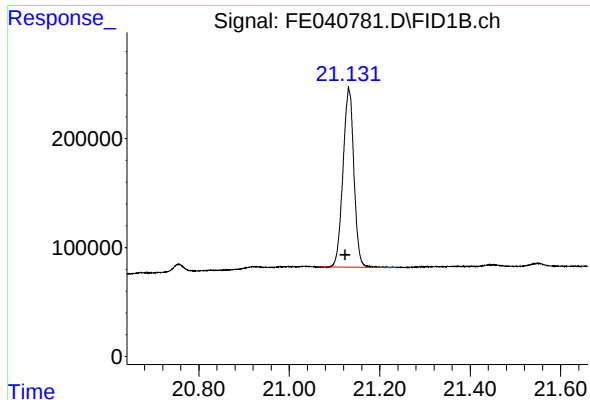
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min  
Delta R.T.: 0.007 min  
Response: 3043775  
Conc: 19.69 ug/ml



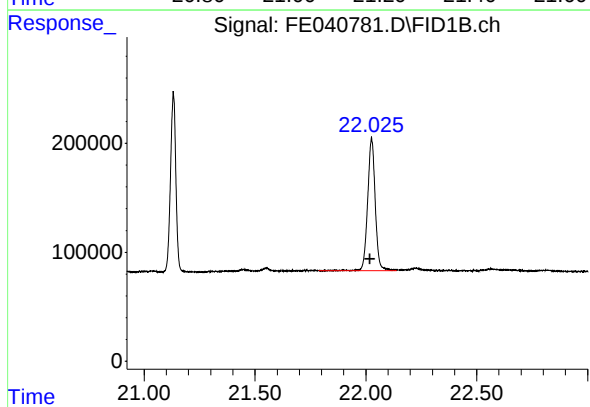
#20 n-Hexatriacontane (C36)

R.T.: 20.400 min  
Delta R.T.: 0.007 min  
Response: 2811880  
Conc: 19.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min  
Delta R.T.: 0.008 min  
Response: 2761818  
Conc: 20.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.025 min  
Delta R.T.: 0.007 min  
Response: 2893380  
Conc: 18.72 ug/ml