

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022123AL\  
 Data File : FE040464.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Feb 2023 09:21  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 22 04:40:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 02 04:52:48 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)    | 11.886 | 3329855    | 20.572 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.14%       |
| 12) S 1-chlorooctadecane (S... | 13.326 | 2507323    | 20.217 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.43%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.280  | 2838531    | 20.856 ug/ml |
| 2) T n-Decane (C10)            | 4.528  | 2810556    | 21.153 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.230  | 3025878    | 20.675 ug/ml |
| 4) T n-Dodecane (C12)          | 6.693  | 2859574    | 21.239 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.326  | 2809070    | 20.753 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.520  | 2881715    | 20.910 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.127 | 2968752    | 20.685 ug/ml |
| 8) T n-Octadecane (C18)        | 11.571 | 3053825    | 20.529 ug/ml |
| 10) T n-Eicosane (C20)         | 12.881 | 3003785    | 20.431 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.493 | 3009028    | 20.401 ug/ml |
| 13) T n-Docosane (C22)         | 14.080 | 3033288    | 20.472 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.184 | 3091713    | 20.367 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.206 | 3066597    | 20.686 ug/ml |
| 16) T n-Octacosane (C28)       | 17.157 | 3108473    | 20.742 ug/ml |
| 17) T n-Tricontane (C30)       | 18.046 | 3063750    | 20.764 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.880 | 2992536    | 20.433 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.664 | 2793155    | 20.307 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.406 | 2560974    | 19.307 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.137 | 2526471    | 19.475 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.034 | 2573569    | 19.384 ug/ml |
| -----                          |        |            |              |

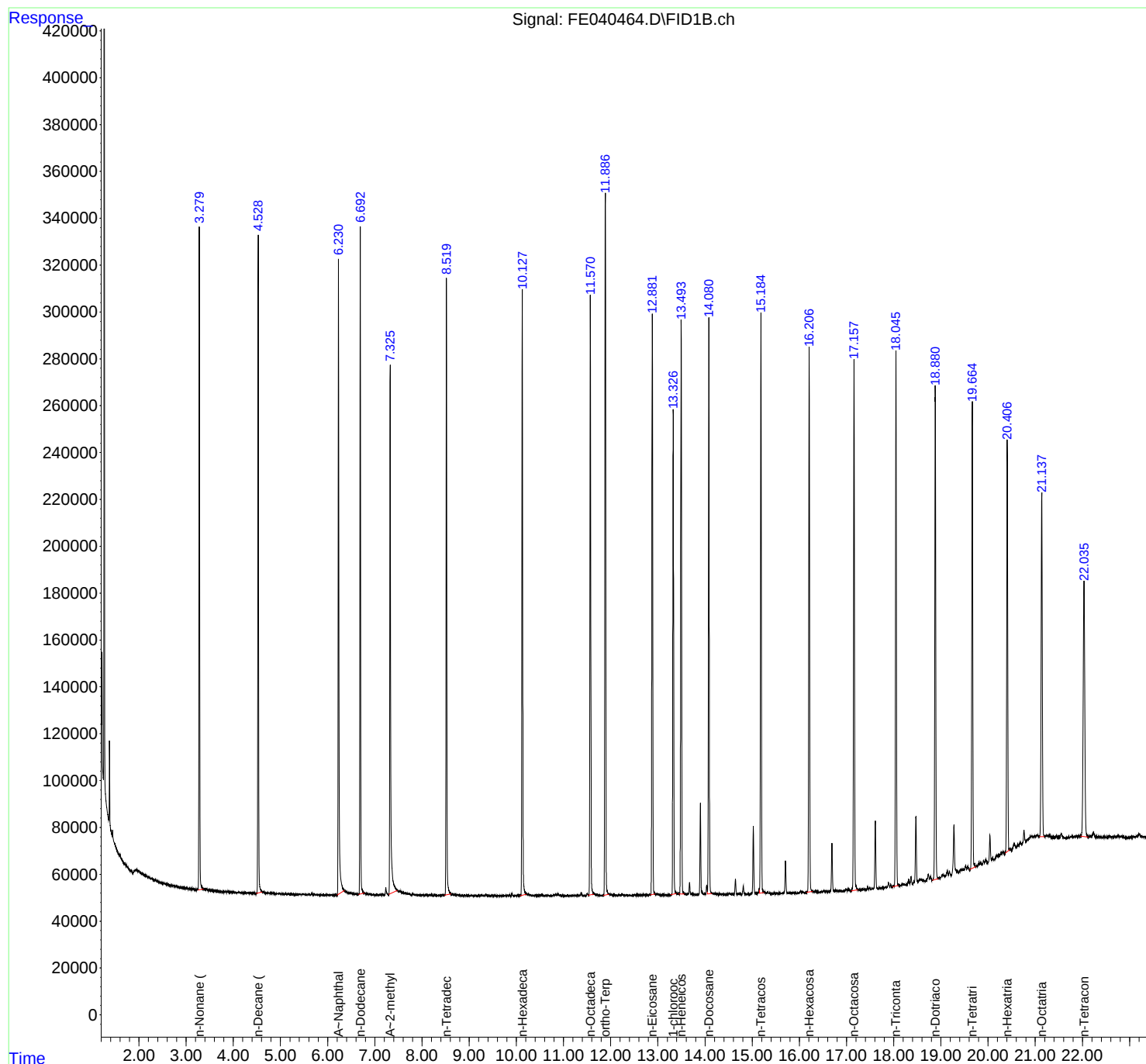
(f)=RT Delta > 1/2 Window

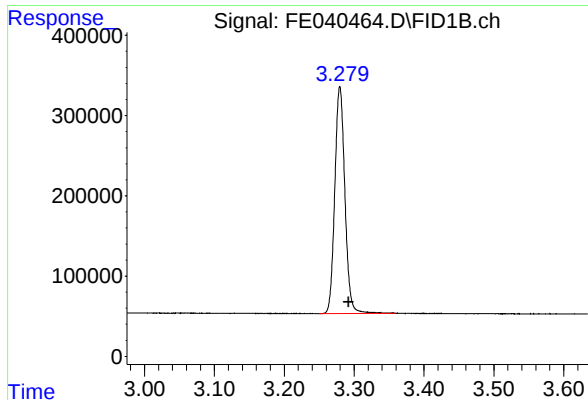
(m)=manual int.

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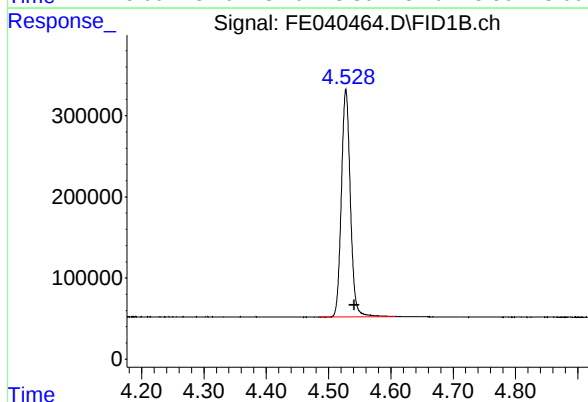
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





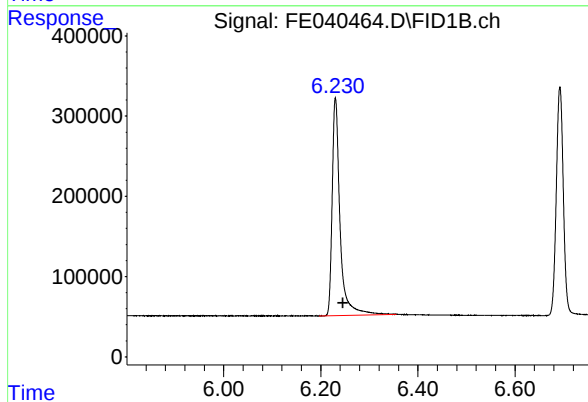
#1 n-Nonane (C9)

R.T.: 3.280 min  
Delta R.T.: -0.012 min  
Response: 2838531  
Conc: 20.86 ug/ml



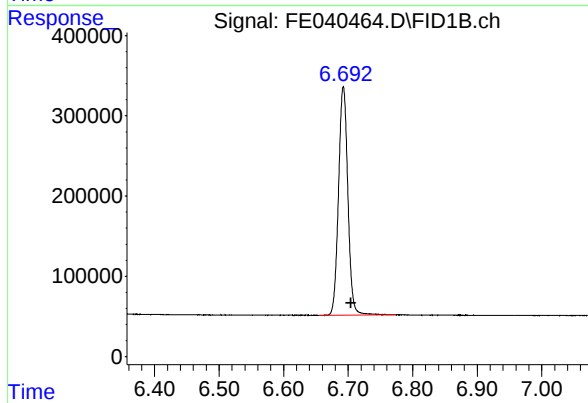
#2 n-Decane (C10)

R.T.: 4.528 min  
Delta R.T.: -0.013 min  
Response: 2810556  
Conc: 21.15 ug/ml



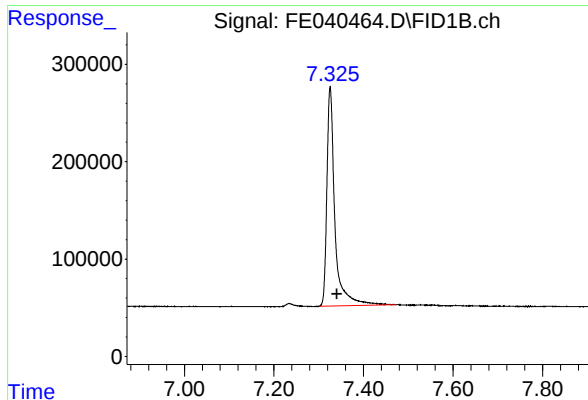
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min  
Delta R.T.: -0.015 min  
Response: 3025878  
Conc: 20.68 ug/ml



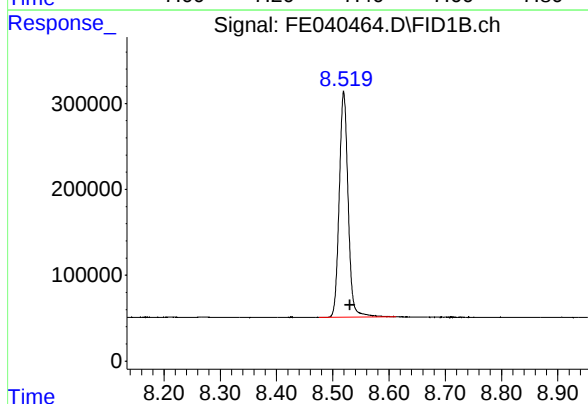
#4 n-Dodecane (C12)

R.T.: 6.693 min  
Delta R.T.: -0.012 min  
Response: 2859574  
Conc: 21.24 ug/ml



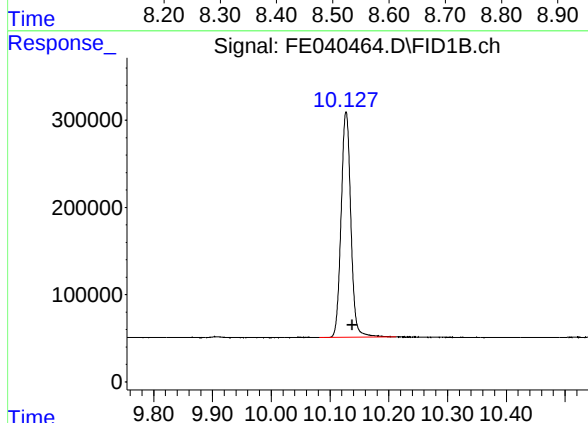
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min  
Delta R.T.: -0.015 min  
Response: 2809070  
Conc: 20.75 ug/ml



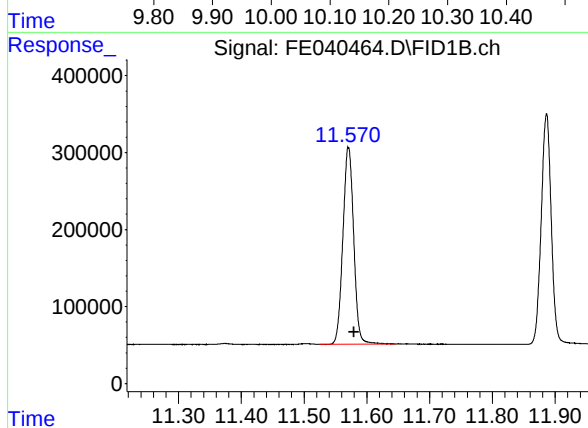
#6 n-Tetradecane (C14)

R.T.: 8.520 min  
Delta R.T.: -0.011 min  
Response: 2881715  
Conc: 20.91 ug/ml



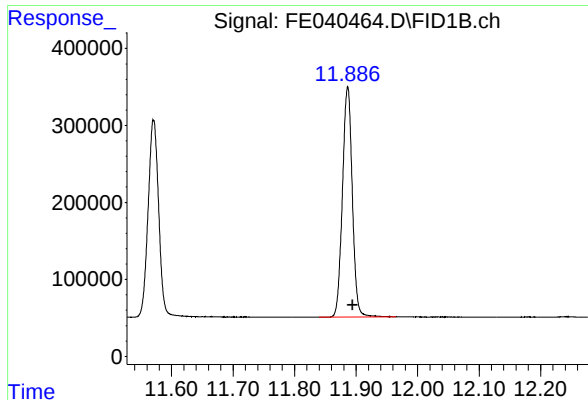
#7 n-Hexadecane (C16)

R.T.: 10.127 min  
Delta R.T.: -0.011 min  
Response: 2968752  
Conc: 20.69 ug/ml



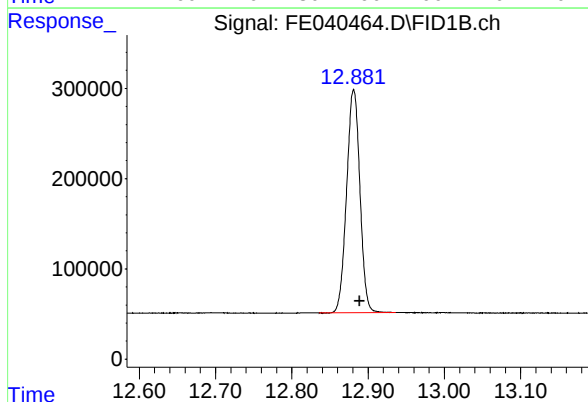
#8 n-Octadecane (C18)

R.T.: 11.571 min  
Delta R.T.: -0.009 min  
Response: 3053825  
Conc: 20.53 ug/ml



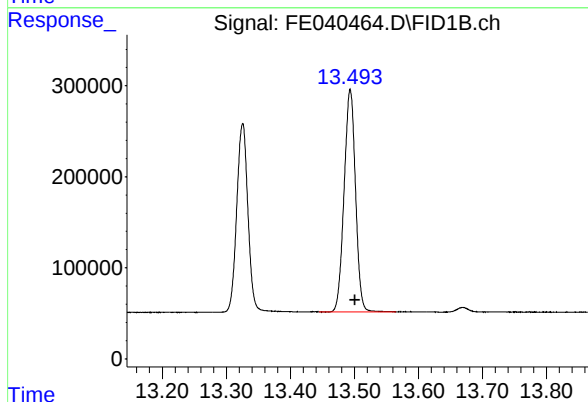
#9 ortho-Terphenyl (SURR)

R.T.: 11.886 min  
Delta R.T.: -0.008 min  
Response: 3329855  
Conc: 20.57 ug/ml



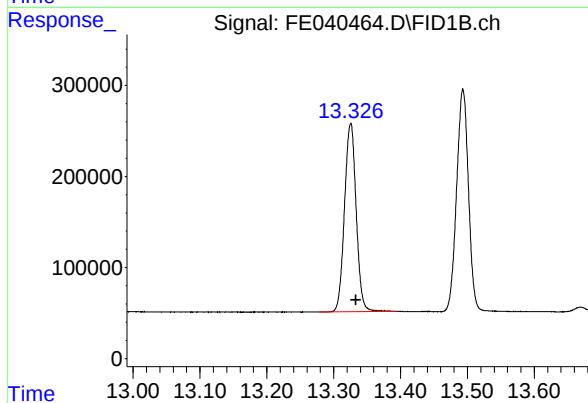
#10 n-Eicosane (C20)

R.T.: 12.881 min  
Delta R.T.: -0.008 min  
Response: 3003785  
Conc: 20.43 ug/ml



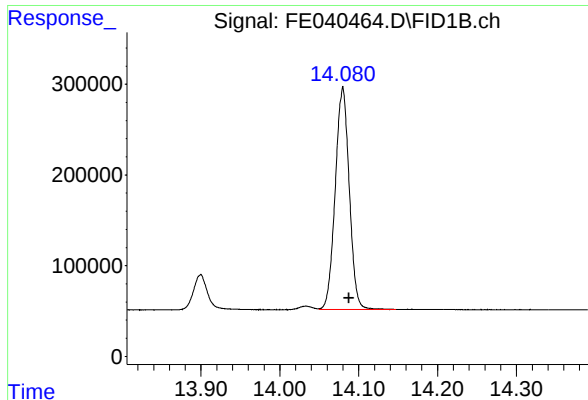
#11 n-Heneicosane (C21)

R.T.: 13.493 min  
Delta R.T.: -0.007 min  
Response: 3009028  
Conc: 20.40 ug/ml



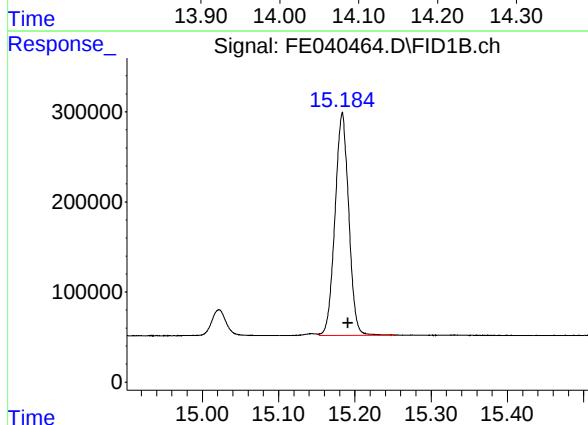
#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min  
Delta R.T.: -0.008 min  
Response: 2507323  
Conc: 20.22 ug/ml



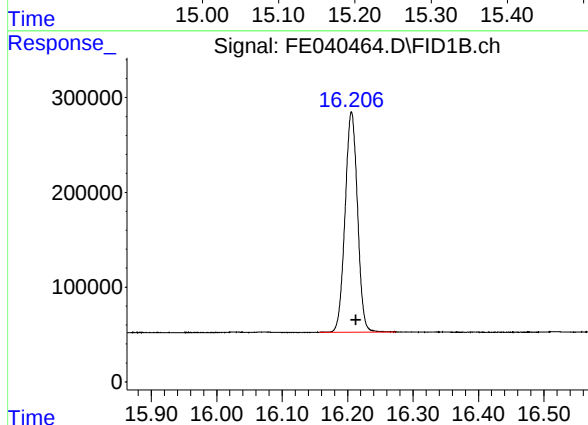
#13 n-Docosane (C22)

R.T.: 14.080 min  
Delta R.T.: -0.008 min  
Response: 3033288  
Conc: 20.47 ug/ml



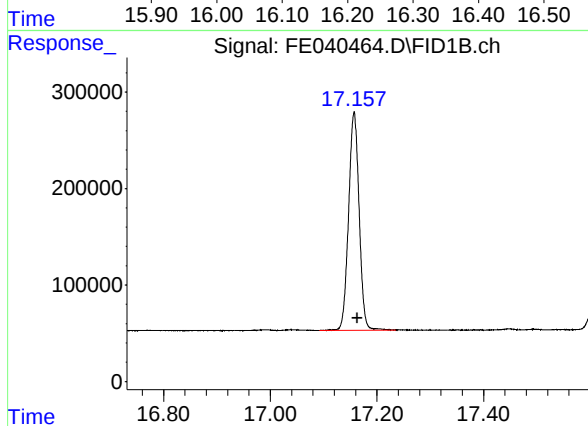
#14 n-Tetracosane (C24)

R.T.: 15.184 min  
Delta R.T.: -0.007 min  
Response: 3091713  
Conc: 20.37 ug/ml



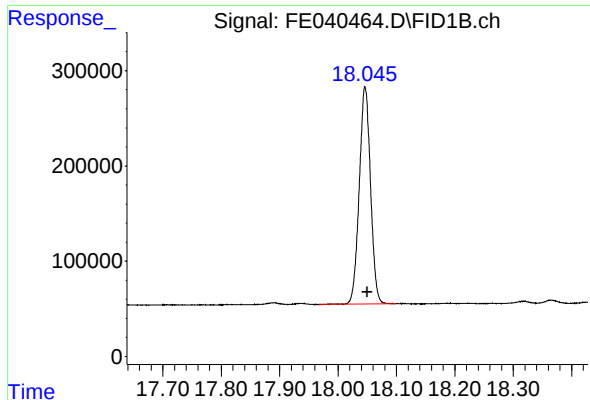
#15 n-Hexacosane (C26)

R.T.: 16.206 min  
Delta R.T.: -0.007 min  
Response: 3066597  
Conc: 20.69 ug/ml



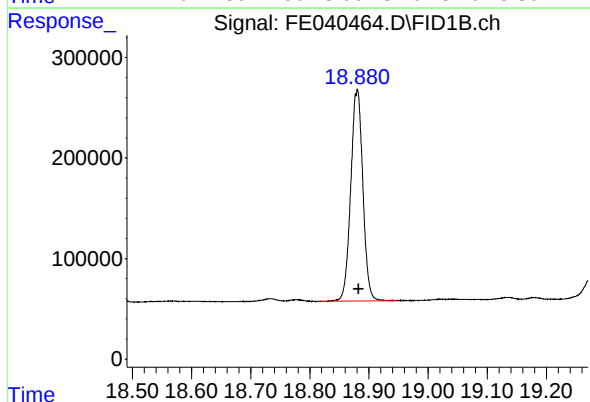
#16 n-Octacosane (C28)

R.T.: 17.157 min  
Delta R.T.: -0.005 min  
Response: 3108473  
Conc: 20.74 ug/ml



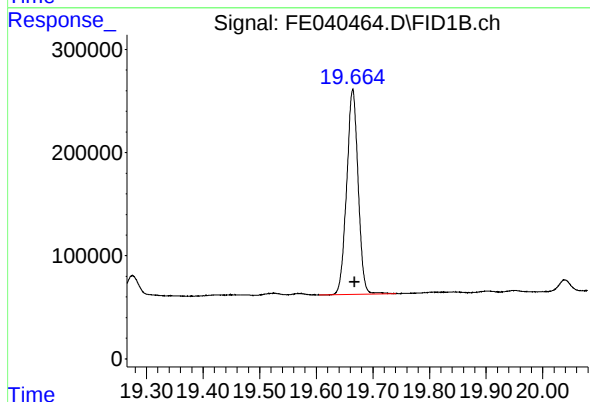
#17 n-Tricontane (C30)

R.T.: 18.046 min  
Delta R.T.: -0.004 min  
Response: 3063750  
Conc: 20.76 ug/ml



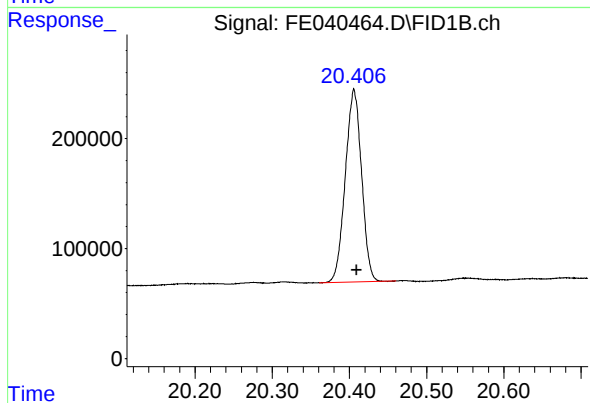
#18 n-Dotriacontane (C32)

R.T.: 18.880 min  
Delta R.T.: -0.002 min  
Response: 2992536  
Conc: 20.43 ug/ml



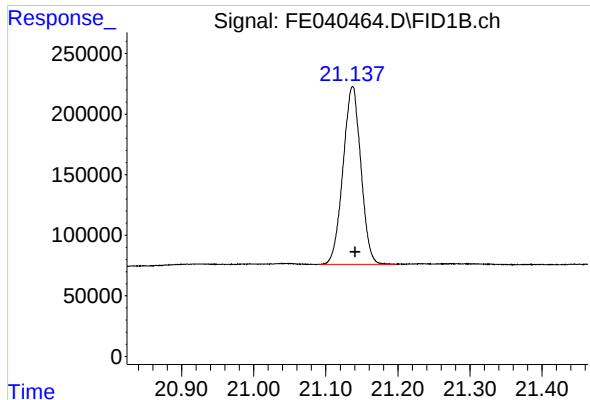
#19 n-Tetratriacontane (C34)

R.T.: 19.664 min  
Delta R.T.: -0.003 min  
Response: 2793155  
Conc: 20.31 ug/ml



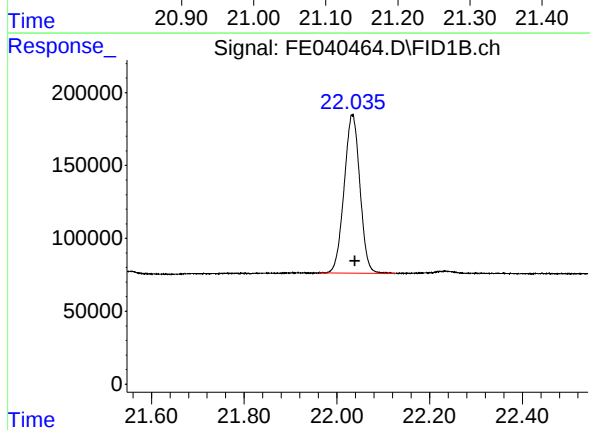
#20 n-Hexatriacontane (C36)

R.T.: 20.406 min  
Delta R.T.: -0.003 min  
Response: 2560974  
Conc: 19.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.137 min  
Delta R.T.: -0.004 min  
Response: 2526471  
Conc: 19.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.034 min  
Delta R.T.: -0.005 min  
Response: 2573569  
Conc: 19.38 ug/ml