

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020724AL\  
 Data File : FE046630.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Feb 2024 07:59  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 07 11:30:07 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 14:56:03 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)    | 11.810 | 3318398    | 17.946 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.89%       |
| 12) S 1-chlorooctadecane (S... | 13.252 | 2505773    | 17.612 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.22%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.201  | 3119147    | 19.310 ug/ml |
| 2) T n-Decane (C10)            | 4.451  | 3270160    | 19.954 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.156  | 3350474    | 19.594 ug/ml |
| 4) T n-Dodecane (C12)          | 6.619  | 3271169    | 19.776 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.252  | 3108248    | 19.489 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.444  | 3197024    | 19.506 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.054 | 3244134    | 18.985 ug/ml |
| 8) T n-Octadecane (C18)        | 11.497 | 3239081    | 18.579 ug/ml |
| 10) T n-Eicosane (C20)         | 12.807 | 3040829    | 17.910 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.419 | 2960903    | 17.752 ug/ml |
| 13) T n-Docosane (C22)         | 14.005 | 2924867    | 17.655 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.110 | 2889491    | 17.512 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.131 | 2828208    | 17.523 ug/ml |
| 16) T n-Octacosane (C28)       | 17.082 | 2798061    | 17.824 ug/ml |
| 17) T n-Tricontane (C30)       | 17.969 | 2841335    | 18.140 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.804 | 2773483    | 18.348 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.590 | 2636886    | 18.591 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.331 | 2614011    | 18.964 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.058 | 2721063    | 21.226 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.943 | 2435320    | 19.477 ug/ml |
| -----                          |        |            |              |

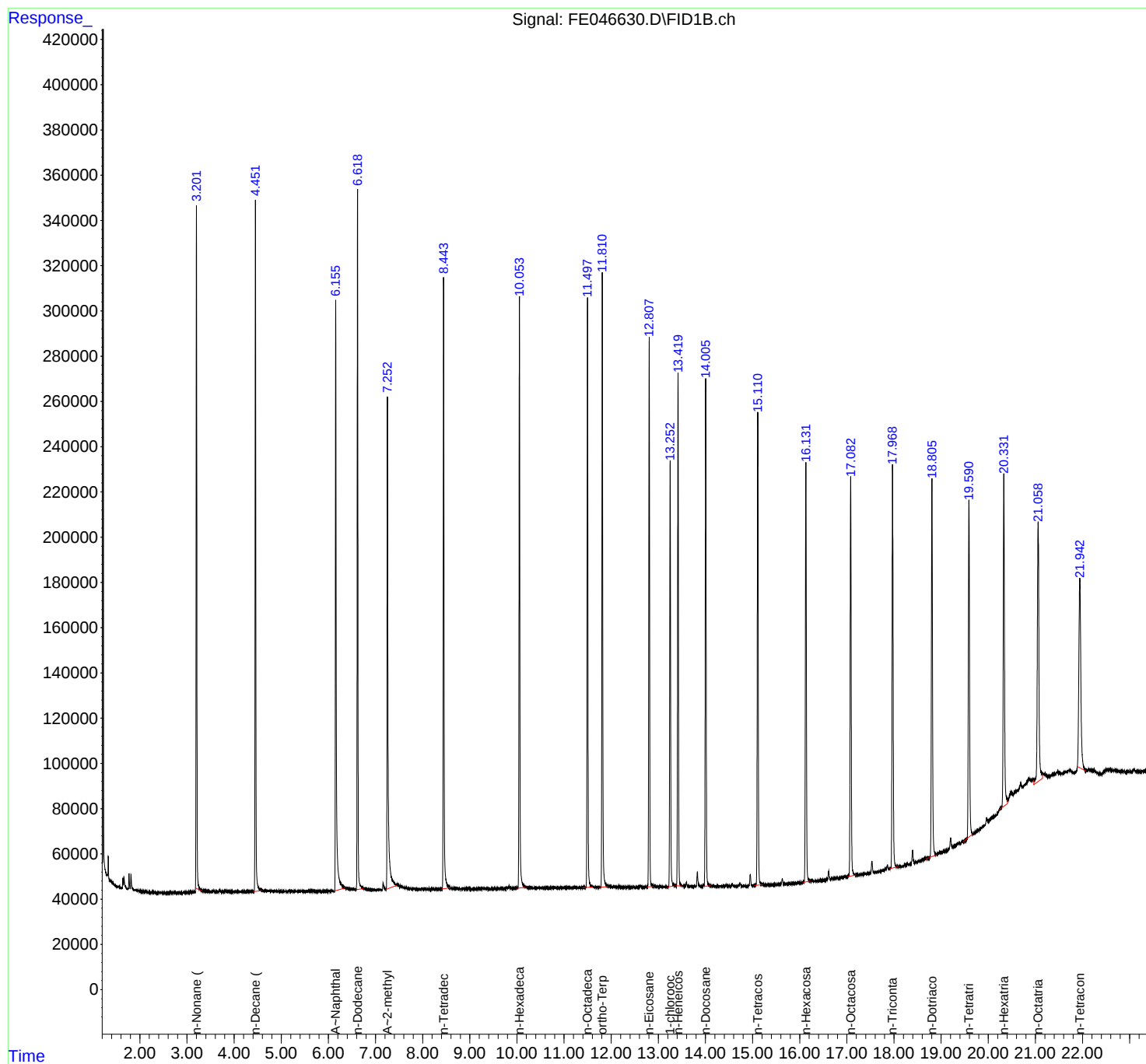
(f)=RT Delta > 1/2 Window

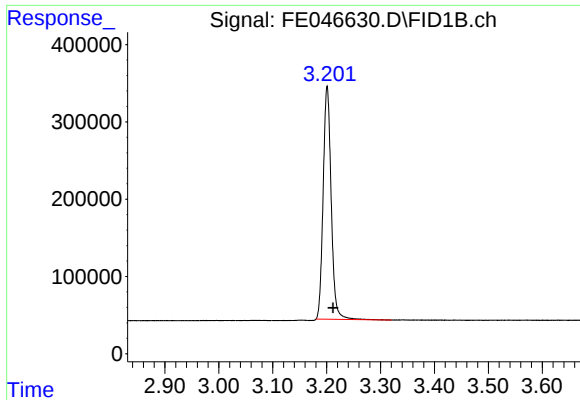
(m)=manual int.

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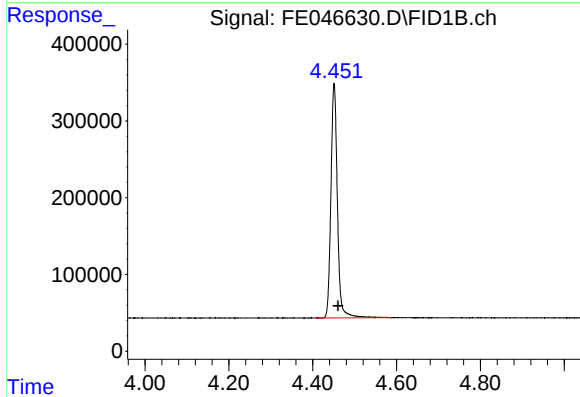
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





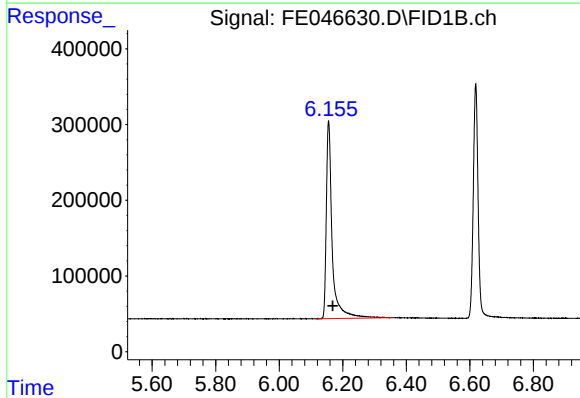
#1 n-Nonane (C9)

R.T.: 3.201 min  
Delta R.T.: -0.011 min  
Response: 3119147  
Conc: 19.31 ug/ml



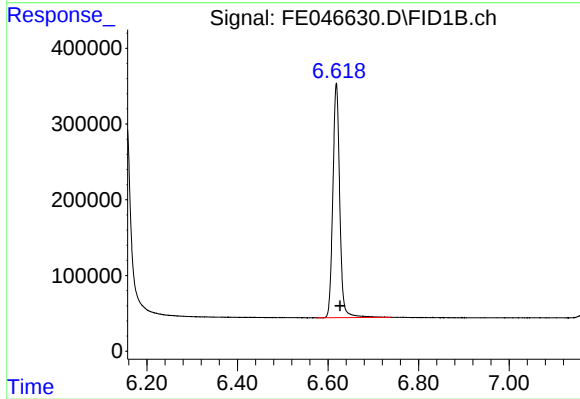
#2 n-Decane (C10)

R.T.: 4.451 min  
Delta R.T.: -0.010 min  
Response: 3270160  
Conc: 19.95 ug/ml



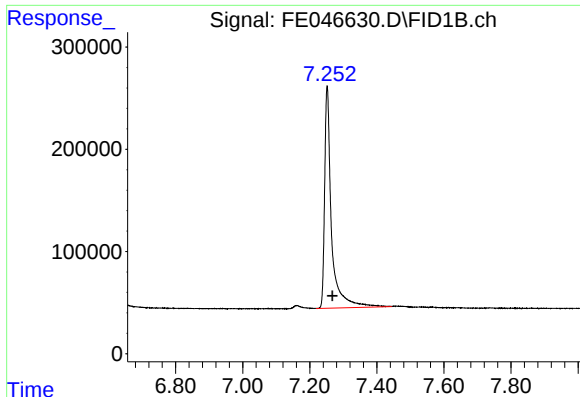
#3 A~Naphthalene (C11.7)

R.T.: 6.156 min  
Delta R.T.: -0.013 min  
Response: 3350474  
Conc: 19.59 ug/ml



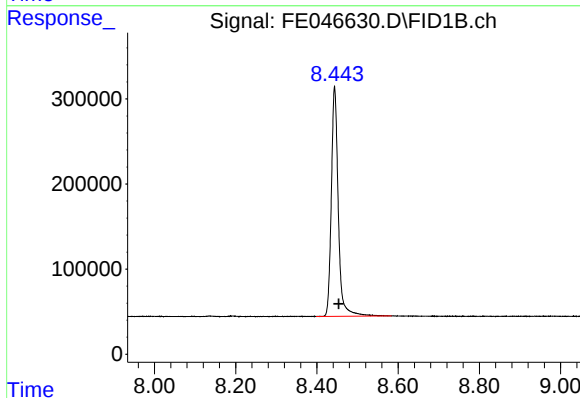
#4 n-Dodecane (C12)

R.T.: 6.619 min  
Delta R.T.: -0.008 min  
Response: 3271169  
Conc: 19.78 ug/ml



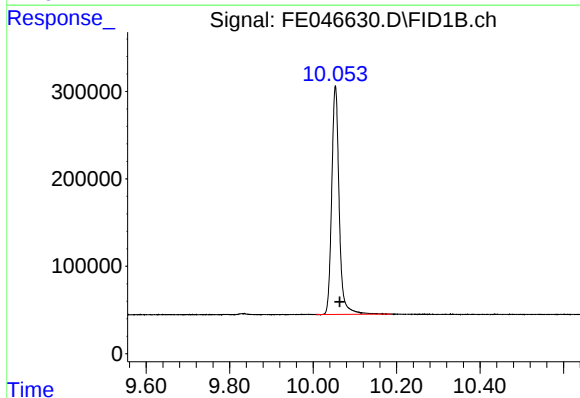
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.252 min  
Delta R.T.: -0.015 min  
Response: 3108248  
Conc: 19.49 ug/ml



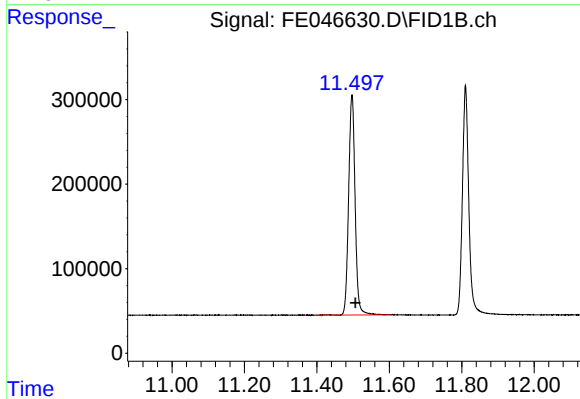
#6 n-Tetradecane (C14)

R.T.: 8.444 min  
Delta R.T.: -0.010 min  
Response: 3197024  
Conc: 19.51 ug/ml



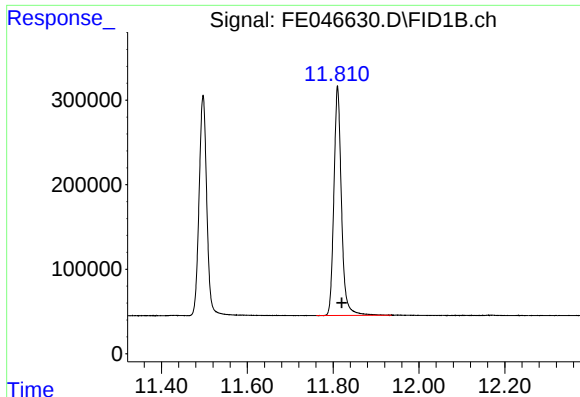
#7 n-Hexadecane (C16)

R.T.: 10.054 min  
Delta R.T.: -0.011 min  
Response: 3244134  
Conc: 18.98 ug/ml



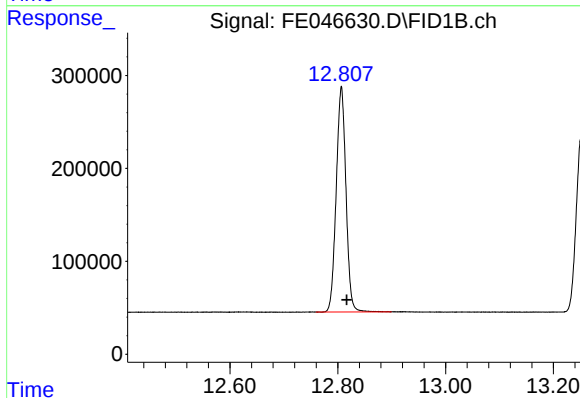
#8 n-Octadecane (C18)

R.T.: 11.497 min  
Delta R.T.: -0.009 min  
Response: 3239081  
Conc: 18.58 ug/ml



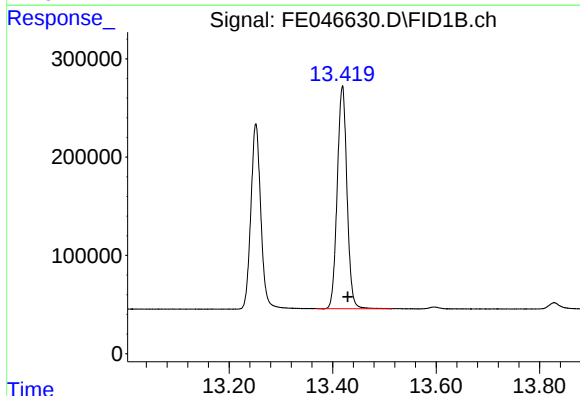
#9 ortho-Terphenyl (SURR)

R.T.: 11.810 min  
Delta R.T.: -0.010 min  
Response: 3318398  
Conc: 17.95 ug/ml



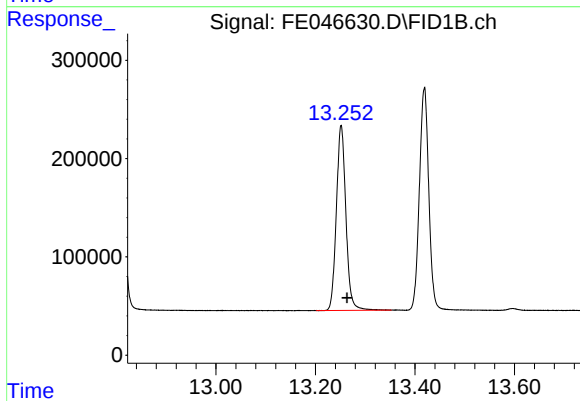
#10 n-Eicosane (C20)

R.T.: 12.807 min  
Delta R.T.: -0.010 min  
Response: 3040829  
Conc: 17.91 ug/ml



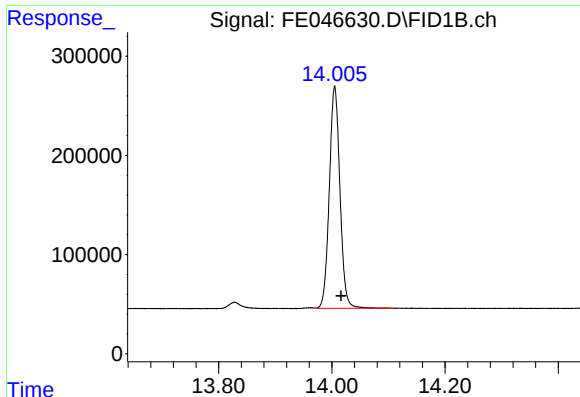
#11 n-Heneicosane (C21)

R.T.: 13.419 min  
Delta R.T.: -0.010 min  
Response: 2960903  
Conc: 17.75 ug/ml



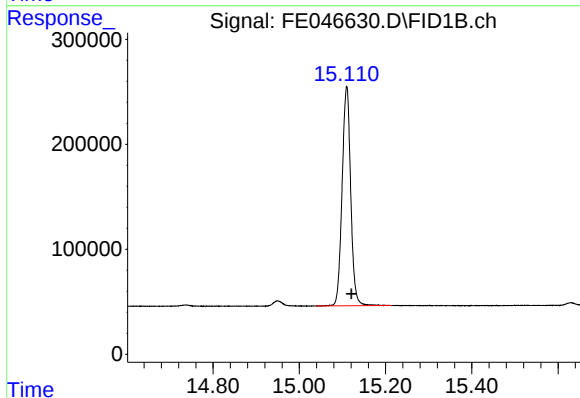
#12 1-chlorooctadecane (SURR)

R.T.: 13.252 min  
Delta R.T.: -0.012 min  
Response: 2505773  
Conc: 17.61 ug/ml



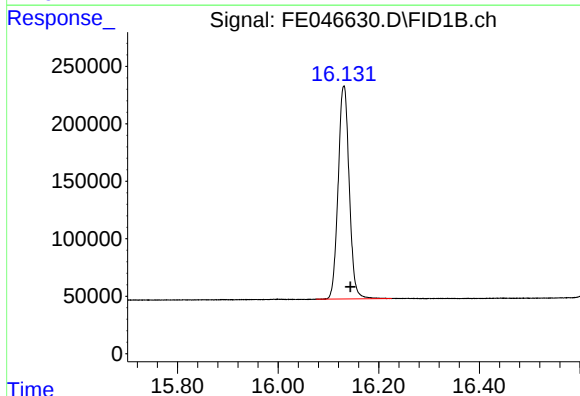
#13 n-Docosane (C22)

R.T.: 14.005 min  
Delta R.T.: -0.011 min  
Response: 2924867  
Conc: 17.66 ug/ml



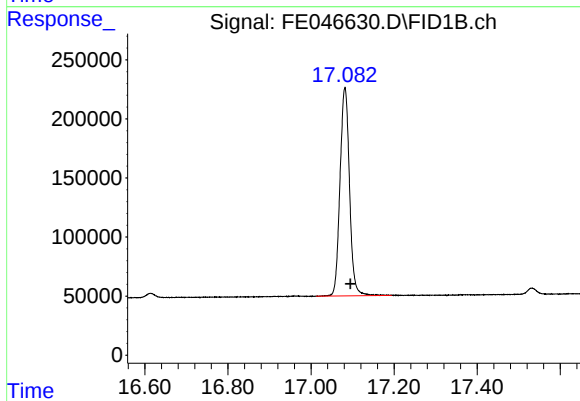
#14 n-Tetracosane (C24)

R.T.: 15.110 min  
Delta R.T.: -0.011 min  
Response: 2889491  
Conc: 17.51 ug/ml



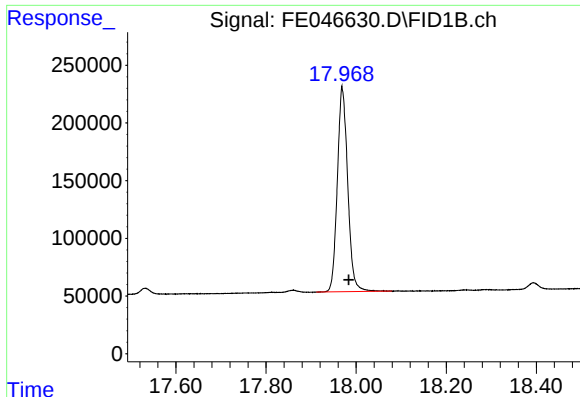
#15 n-Hexacosane (C26)

R.T.: 16.131 min  
Delta R.T.: -0.013 min  
Response: 2828208  
Conc: 17.52 ug/ml



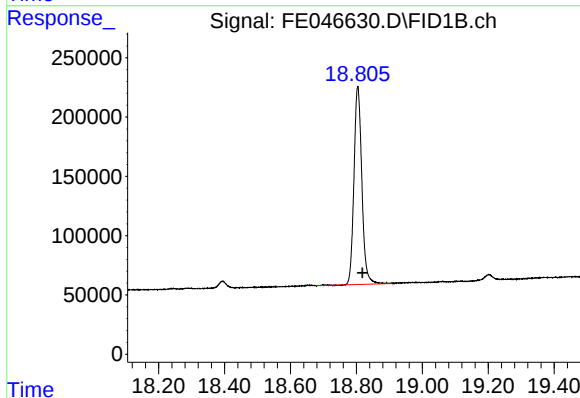
#16 n-Octacosane (C28)

R.T.: 17.082 min  
Delta R.T.: -0.013 min  
Response: 2798061  
Conc: 17.82 ug/ml



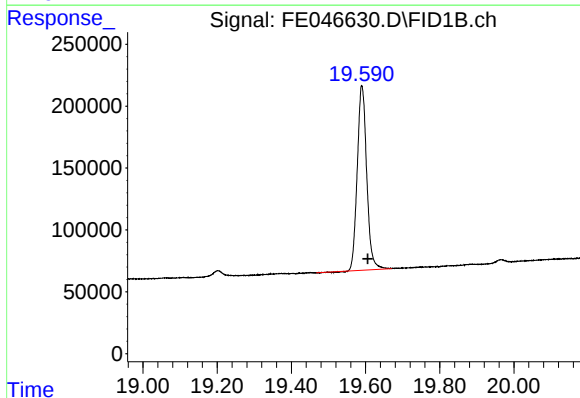
#17 n-Tricontane (C30)

R.T.: 17.969 min  
Delta R.T.: -0.015 min  
Response: 2841335  
Conc: 18.14 ug/ml



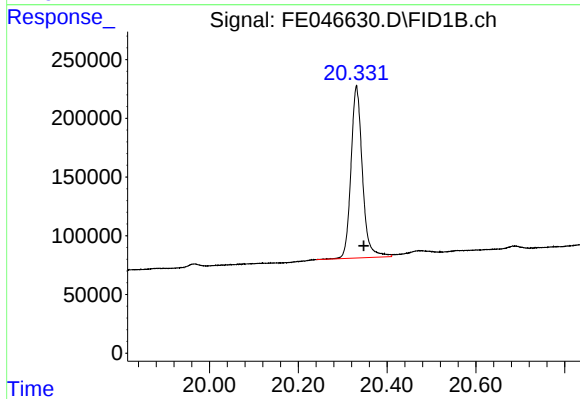
#18 n-Dotriacontane (C32)

R.T.: 18.804 min  
Delta R.T.: -0.015 min  
Response: 2773483  
Conc: 18.35 ug/ml



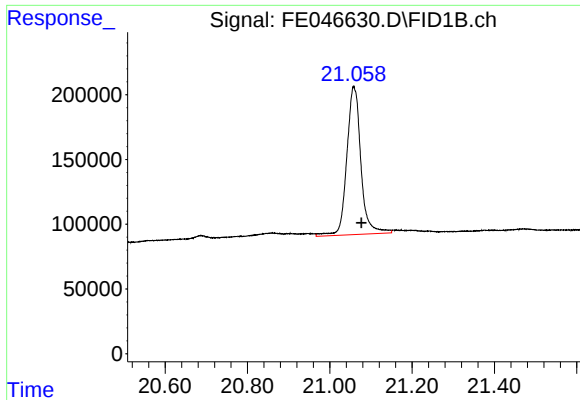
#19 n-Tetratriacontane (C34)

R.T.: 19.590 min  
Delta R.T.: -0.016 min  
Response: 2636886  
Conc: 18.59 ug/ml



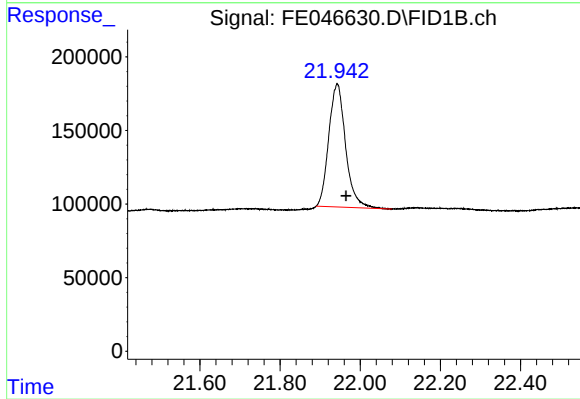
#20 n-Hexatriacontane (C36)

R.T.: 20.331 min  
Delta R.T.: -0.017 min  
Response: 2614011  
Conc: 18.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.058 min  
Delta R.T.: -0.018 min  
Response: 2721063  
Conc: 21.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.943 min  
Delta R.T.: -0.022 min  
Response: 2435320  
Conc: 19.48 ug/ml