

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030824AL\  
 Data File : FE047138.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Mar 2024 11:44  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 08 22:03:47 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)    | 11.780 | 3144912    | 19.141 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.28%       |
| 12) S 1-chlorooctadecane (S... | 13.222 | 2427018    | 19.716 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.43%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.166  | 2701371    | 17.715 ug/ml |
| 2) T n-Decane (C10)            | 4.417  | 2849937    | 18.401 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.126  | 2836035    | 18.006 ug/ml |
| 4) T n-Dodecane (C12)          | 6.587  | 2864610    | 18.424 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.224  | 2663571    | 18.575 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.413  | 2914497    | 18.901 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.024 | 3040384    | 19.162 ug/ml |
| 8) T n-Octadecane (C18)        | 11.467 | 3169846    | 19.884 ug/ml |
| 10) T n-Eicosane (C20)         | 12.776 | 3012246    | 19.900 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.389 | 2947783    | 19.906 ug/ml |
| 13) T n-Docosane (C22)         | 13.975 | 2943761    | 20.233 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.077 | 2921414    | 20.456 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.099 | 2917591    | 20.879 ug/ml |
| 16) T n-Octacosane (C28)       | 17.050 | 2845476    | 20.886 ug/ml |
| 17) T n-Tricontane (C30)       | 17.939 | 3181562    | 22.804 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.770 | 3186164    | 23.155 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.555 | 2980023    | 22.183 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.295 | 2852623    | 21.422 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.016 | 2796327    | 20.295 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.885 | 2809957    | 19.916 ug/ml |
| -----                          |        |            |              |

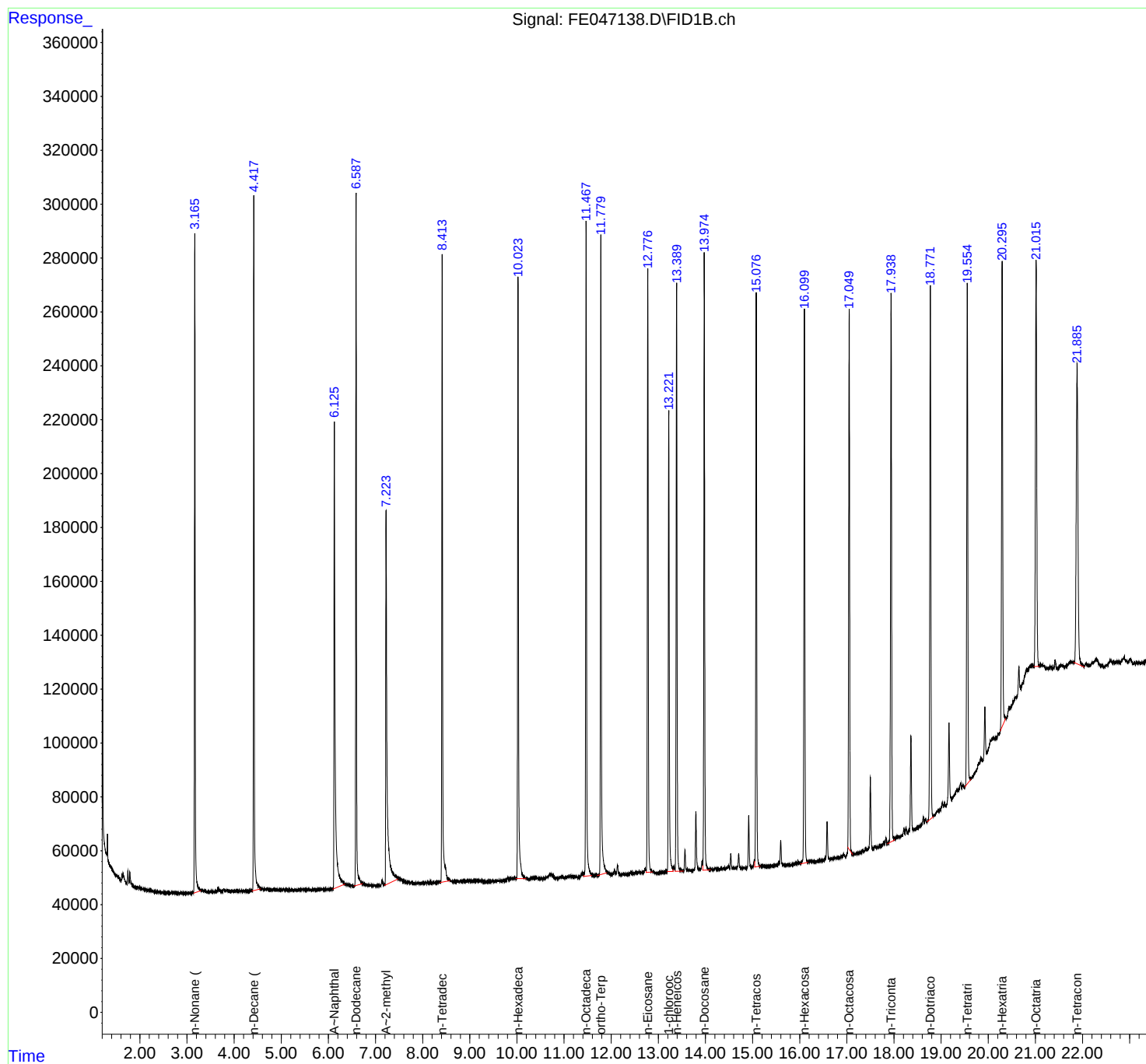
(f)=RT Delta > 1/2 Window

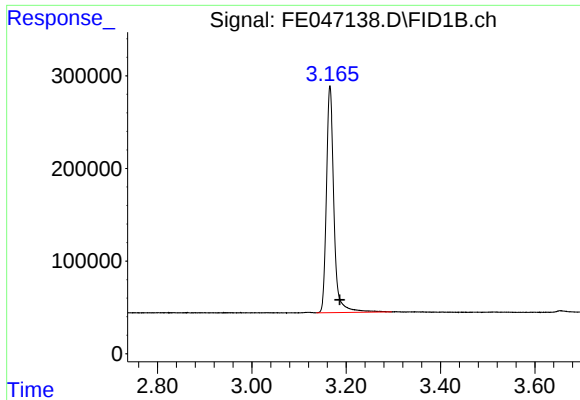
(m)=manual int.

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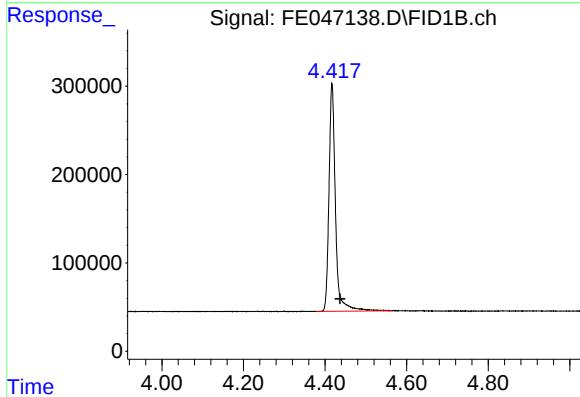
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





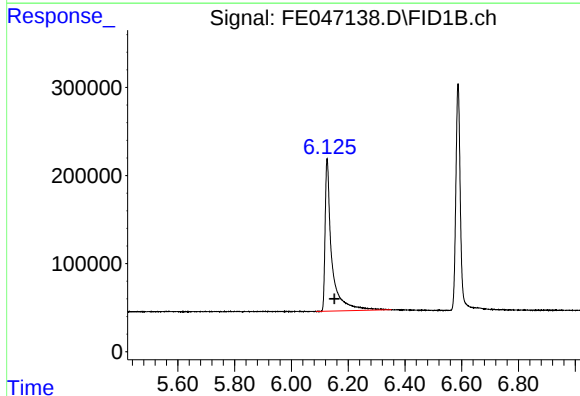
#1 n-Nonane (C9)

R.T.: 3.166 min  
Delta R.T.: -0.020 min  
Response: 2701371  
Conc: 17.71 ug/ml



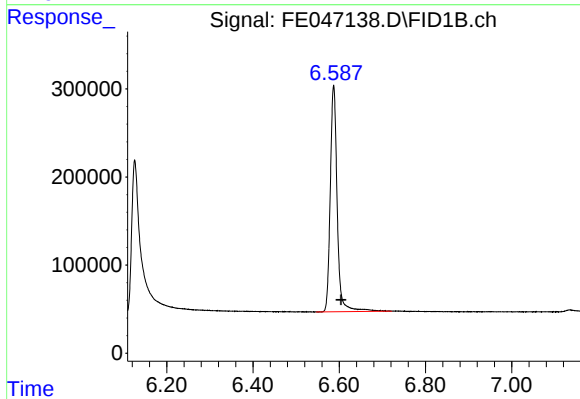
#2 n-Decane (C10)

R.T.: 4.417 min  
Delta R.T.: -0.020 min  
Response: 2849937  
Conc: 18.40 ug/ml



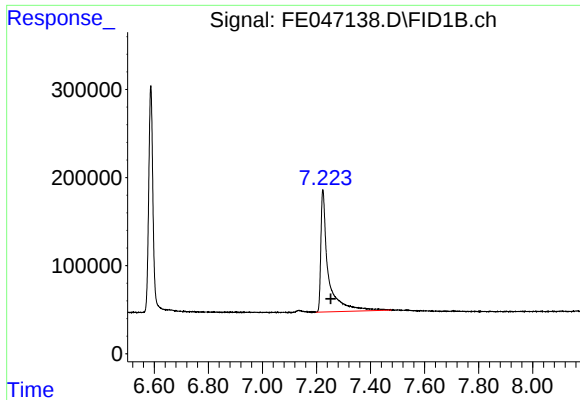
#3 A~Naphthalene (C11.7)

R.T.: 6.126 min  
Delta R.T.: -0.025 min  
Response: 2836035  
Conc: 18.01 ug/ml



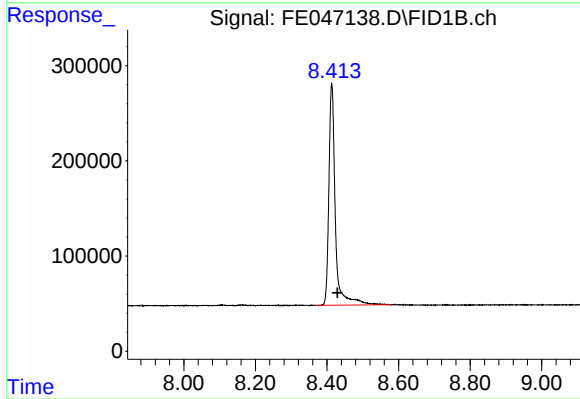
#4 n-Dodecane (C12)

R.T.: 6.587 min  
Delta R.T.: -0.017 min  
Response: 2864610  
Conc: 18.42 ug/ml



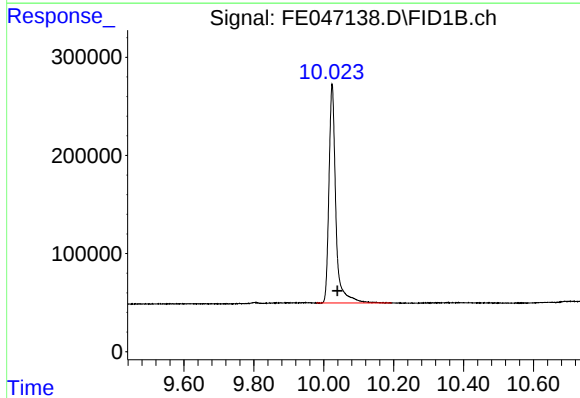
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.224 min  
Delta R.T.: -0.029 min  
Response: 2663571  
Conc: 18.57 ug/ml



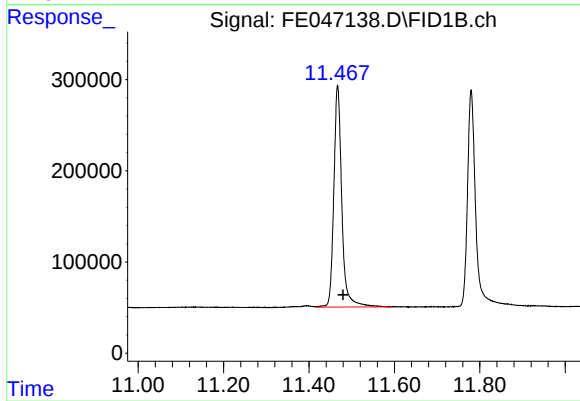
#6 n-Tetradecane (C14)

R.T.: 8.413 min  
Delta R.T.: -0.016 min  
Response: 2914497  
Conc: 18.90 ug/ml



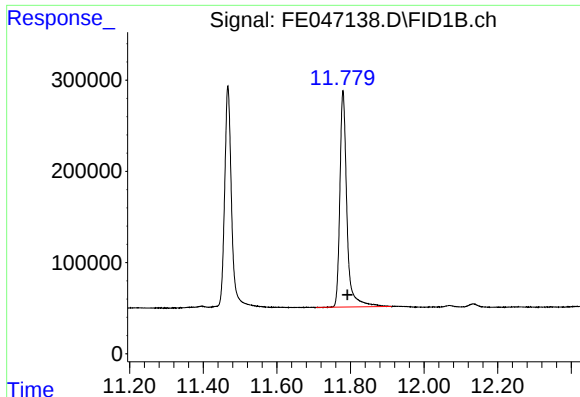
#7 n-Hexadecane (C16)

R.T.: 10.024 min  
Delta R.T.: -0.015 min  
Response: 3040384  
Conc: 19.16 ug/ml



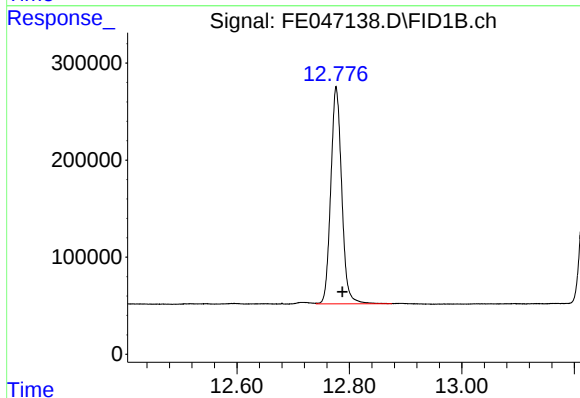
#8 n-Octadecane (C18)

R.T.: 11.467 min  
Delta R.T.: -0.013 min  
Response: 3169846  
Conc: 19.88 ug/ml



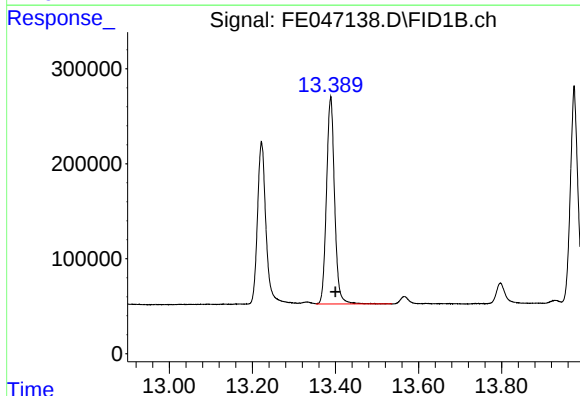
#9 ortho-Terphenyl (SURR)

R.T.: 11.780 min  
Delta R.T.: -0.012 min  
Response: 3144912  
Conc: 19.14 ug/ml



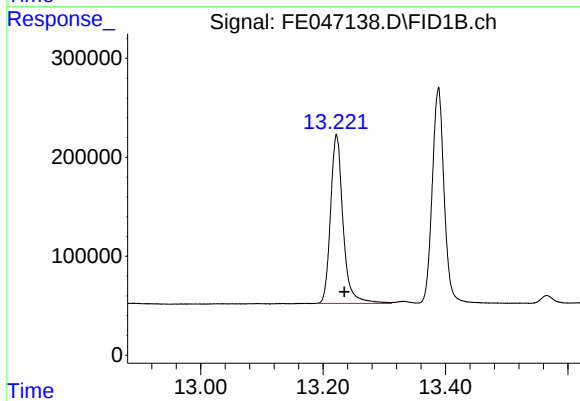
#10 n-Eicosane (C20)

R.T.: 12.776 min  
Delta R.T.: -0.011 min  
Response: 3012246  
Conc: 19.90 ug/ml



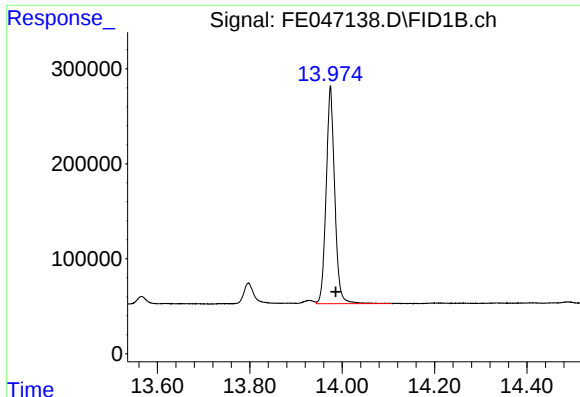
#11 n-Heneicosane (C21)

R.T.: 13.389 min  
Delta R.T.: -0.011 min  
Response: 2947783  
Conc: 19.91 ug/ml



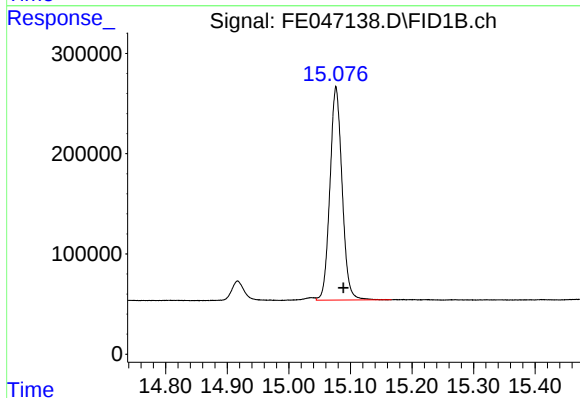
#12 1-chlorooctadecane (SURR)

R.T.: 13.222 min  
Delta R.T.: -0.013 min  
Response: 2427018  
Conc: 19.72 ug/ml



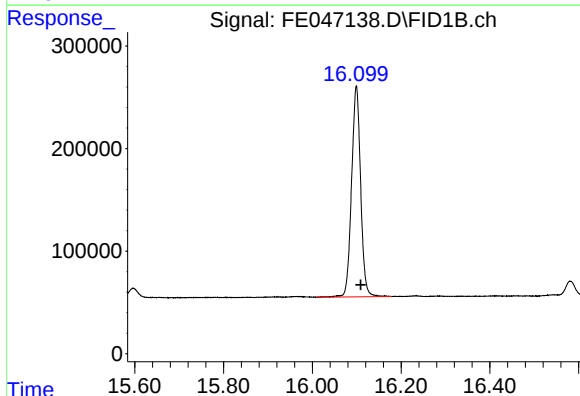
#13 n-Docosane (C22)

R.T.: 13.975 min  
Delta R.T.: -0.011 min  
Response: 2943761  
Conc: 20.23 ug/ml



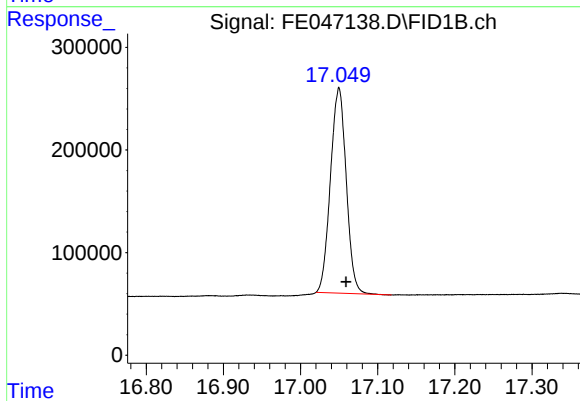
#14 n-Tetracosane (C24)

R.T.: 15.077 min  
Delta R.T.: -0.012 min  
Response: 2921414  
Conc: 20.46 ug/ml



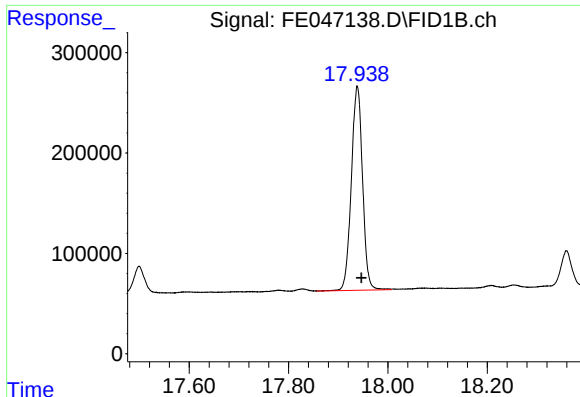
#15 n-Hexacosane (C26)

R.T.: 16.099 min  
Delta R.T.: -0.010 min  
Response: 2917591  
Conc: 20.88 ug/ml



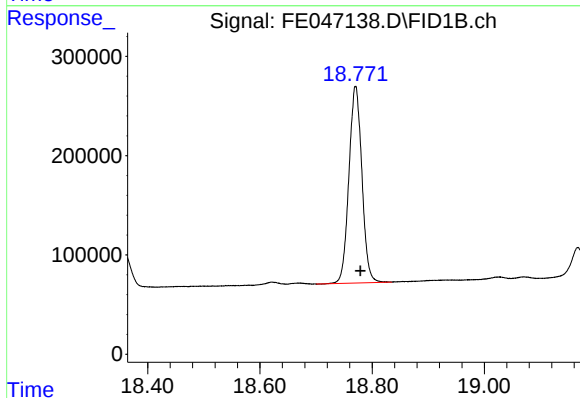
#16 n-Octacosane (C28)

R.T.: 17.050 min  
Delta R.T.: -0.009 min  
Response: 2845476  
Conc: 20.89 ug/ml



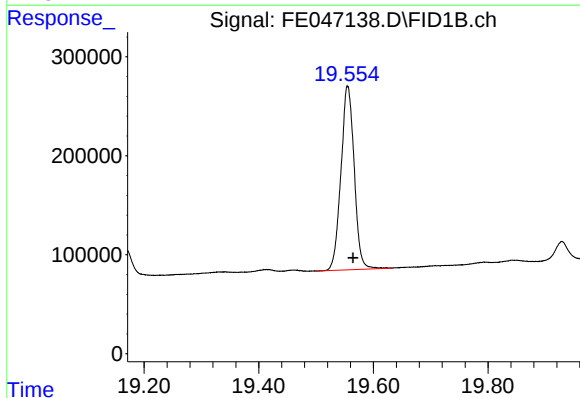
#17 n-Tricontane (C30)

R.T.: 17.939 min  
Delta R.T.: -0.008 min  
Response: 3181562  
Conc: 22.80 ug/ml



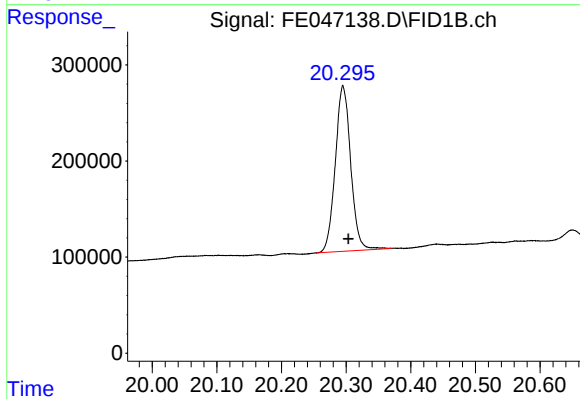
#18 n-Dotriacontane (C32)

R.T.: 18.770 min  
Delta R.T.: -0.009 min  
Response: 3186164  
Conc: 23.15 ug/ml



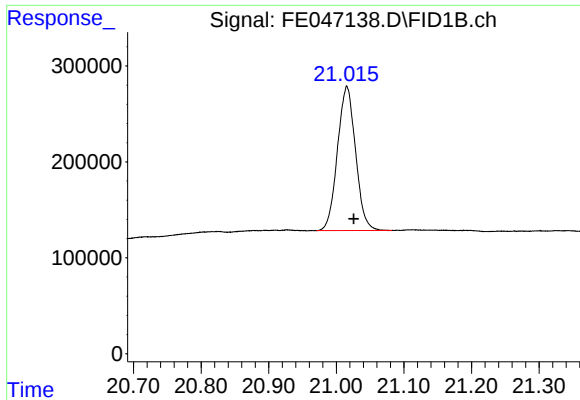
#19 n-Tetratriacontane (C34)

R.T.: 19.555 min  
Delta R.T.: -0.010 min  
Response: 2980023  
Conc: 22.18 ug/ml



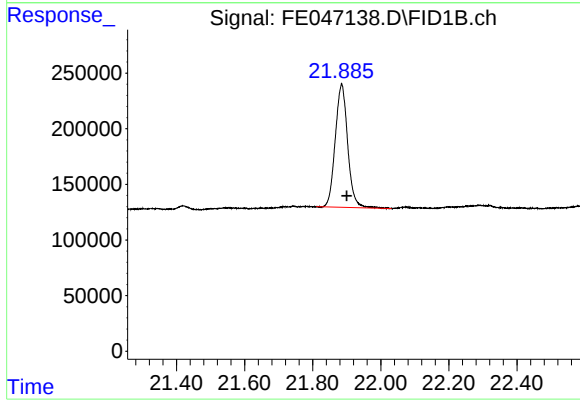
#20 n-Hexatriacontane (C36)

R.T.: 20.295 min  
Delta R.T.: -0.008 min  
Response: 2852623  
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min  
Delta R.T.: -0.010 min  
Response: 2796327  
Conc: 20.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.885 min  
Delta R.T.: -0.015 min  
Response: 2809957  
Conc: 19.92 ug/ml