

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032124AL\  
 Data File : FE047261.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Mar 2024 21:40  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 22 01:25:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 031324.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 14 01:54:27 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)    | 11.984 | 3028479    | 18.355 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.71%       |
| 12) S 1-chlorooctadecane (S... | 13.417 | 2355261    | 18.473 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.95%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.368  | 2823285    | 18.778 ug/ml |
| 2) T n-Decane (C10)            | 4.620  | 2894524    | 18.880 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.325  | 3000401    | 18.819 ug/ml |
| 4) T n-Dodecane (C12)          | 6.785  | 2888119    | 18.770 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.421  | 2896814    | 18.875 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.613  | 2854669    | 18.736 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.221 | 2934828    | 18.645 ug/ml |
| 8) T n-Octadecane (C18)        | 11.663 | 2945905    | 18.498 ug/ml |
| 10) T n-Eicosane (C20)         | 12.972 | 2840547    | 18.480 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.583 | 2775454    | 18.343 ug/ml |
| 13) T n-Docosane (C22)         | 14.170 | 2800938    | 18.617 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.271 | 2860351    | 19.153 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.290 | 2909367    | 19.972 ug/ml |
| 16) T n-Octacosane (C28)       | 17.239 | 2949380    | 20.903 ug/ml |
| 17) T n-Tricontane (C30)       | 18.125 | 3201857    | 22.650 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.956 | 3157368    | 22.895 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.738 | 2915944    | 22.334 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.477 | 2851350    | 22.888 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.219 | 4254136    | 34.260 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.152 | 2765095    | 23.509 ug/ml |
| -----                          |        |            |              |

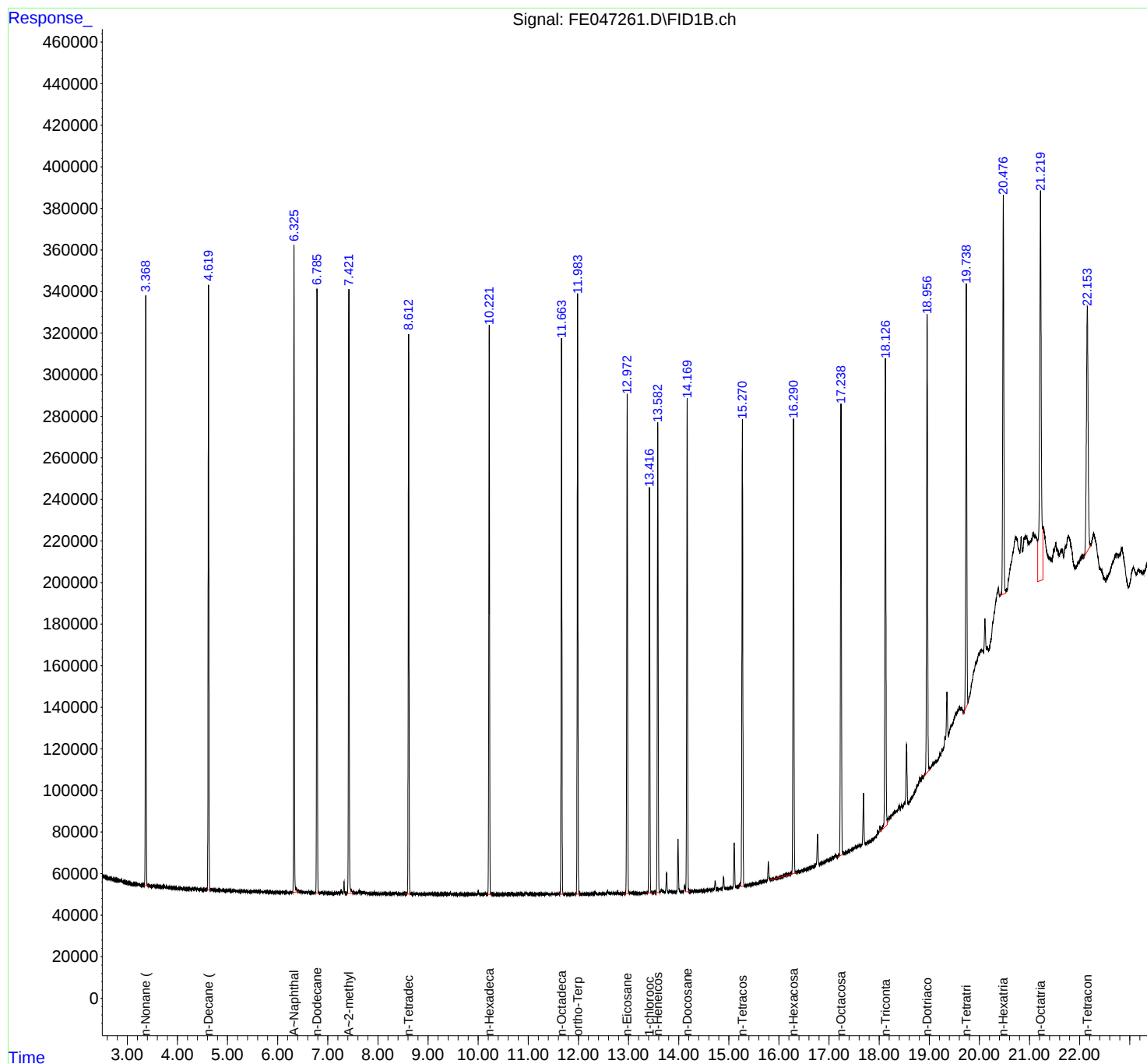
(f)=RT Delta > 1/2 Window

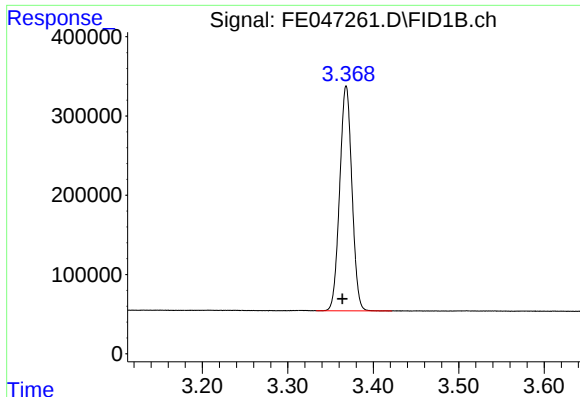
(m)=manual int.

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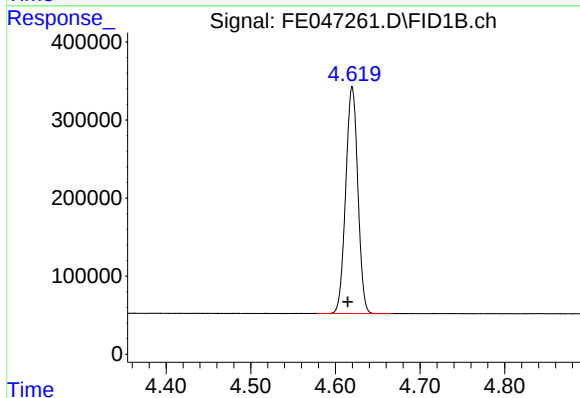
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





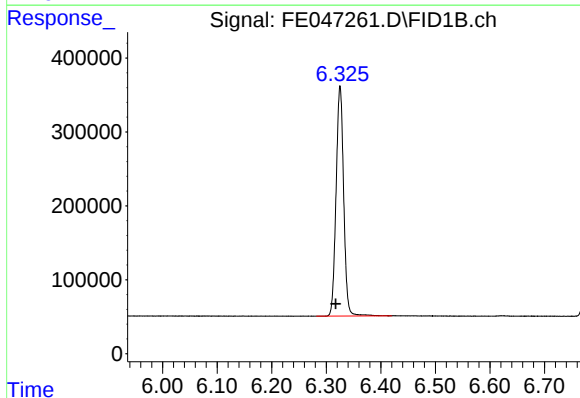
#1 n-Nonane (C9)

R.T.: 3.368 min  
Delta R.T.: 0.004 min  
Response: 2823285  
Conc: 18.78 ug/ml



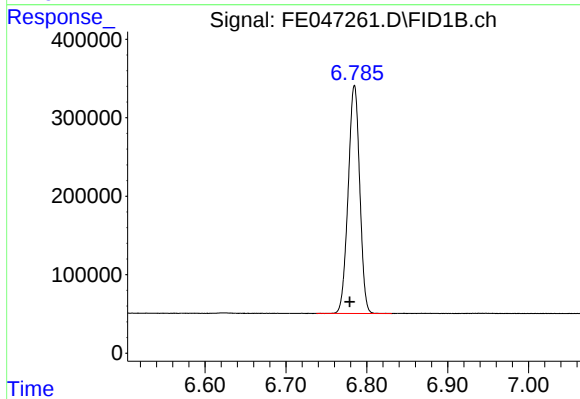
#2 n-Decane (C10)

R.T.: 4.620 min  
Delta R.T.: 0.005 min  
Response: 2894524  
Conc: 18.88 ug/ml



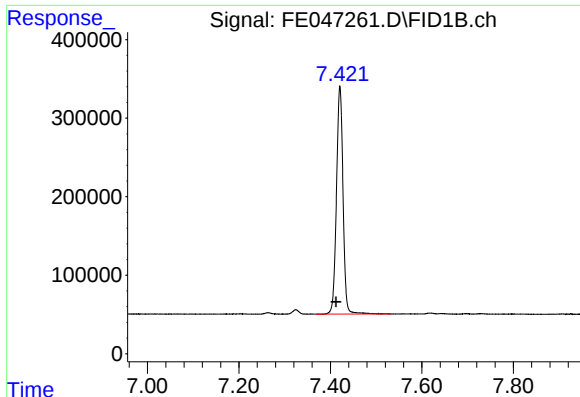
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min  
Delta R.T.: 0.008 min  
Response: 3000401  
Conc: 18.82 ug/ml



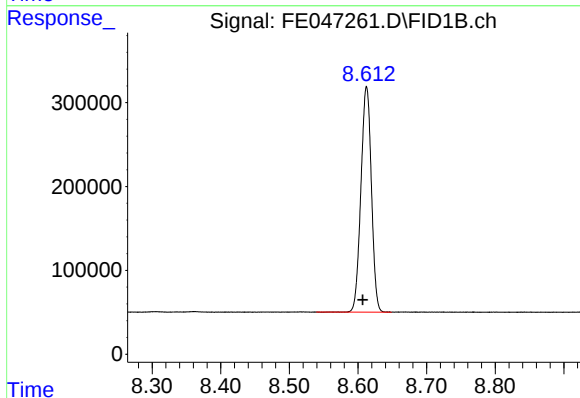
#4 n-Dodecane (C12)

R.T.: 6.785 min  
Delta R.T.: 0.006 min  
Response: 2888119  
Conc: 18.77 ug/ml



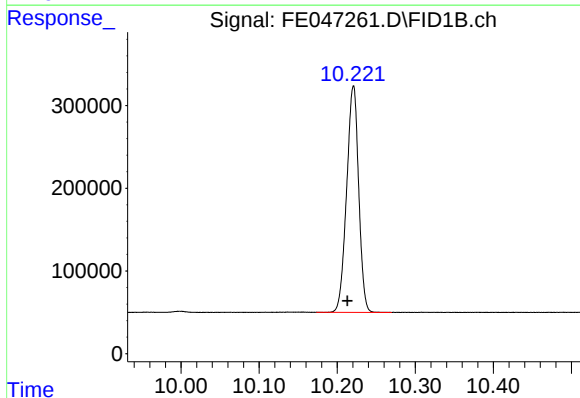
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.421 min  
Delta R.T.: 0.009 min  
Response: 2896814  
Conc: 18.88 ug/ml



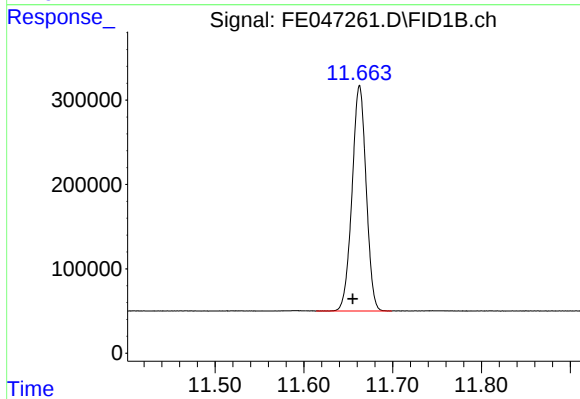
#6 n-Tetradecane (C14)

R.T.: 8.613 min  
Delta R.T.: 0.006 min  
Response: 2854669  
Conc: 18.74 ug/ml



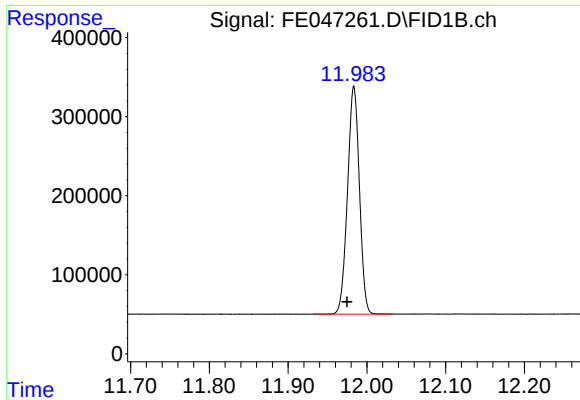
#7 n-Hexadecane (C16)

R.T.: 10.221 min  
Delta R.T.: 0.008 min  
Response: 2934828  
Conc: 18.64 ug/ml



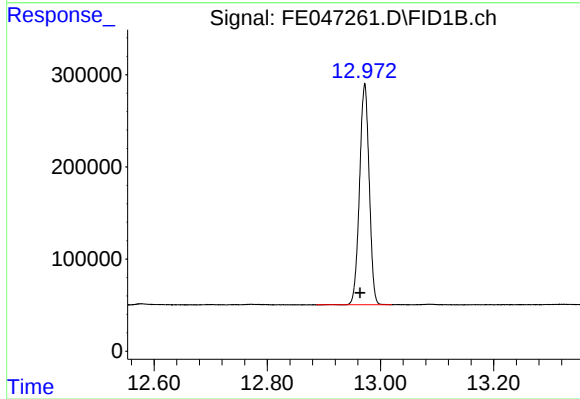
#8 n-Octadecane (C18)

R.T.: 11.663 min  
Delta R.T.: 0.008 min  
Response: 2945905  
Conc: 18.50 ug/ml



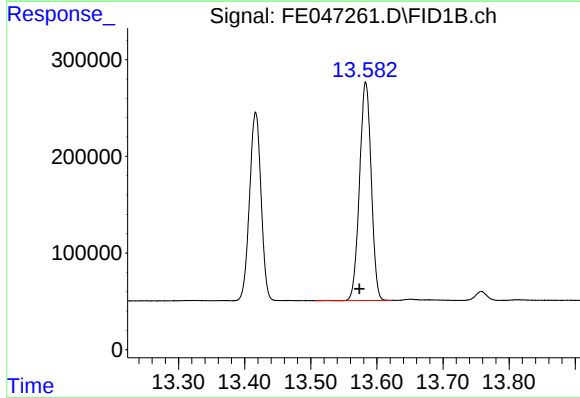
#9 ortho-Terphenyl (SURR)

R.T.: 11.984 min  
Delta R.T.: 0.009 min  
Response: 3028479  
Conc: 18.36 ug/ml



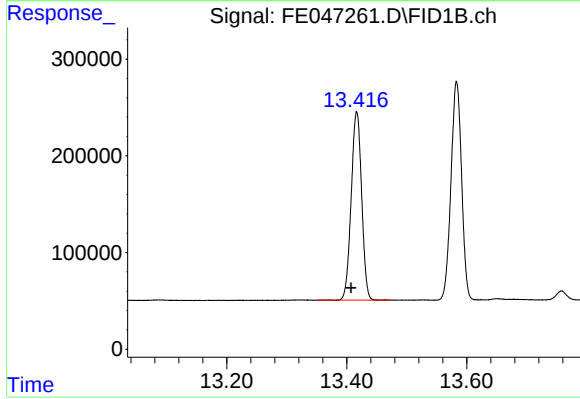
#10 n-Eicosane (C20)

R.T.: 12.972 min  
Delta R.T.: 0.008 min  
Response: 2840547  
Conc: 18.48 ug/ml



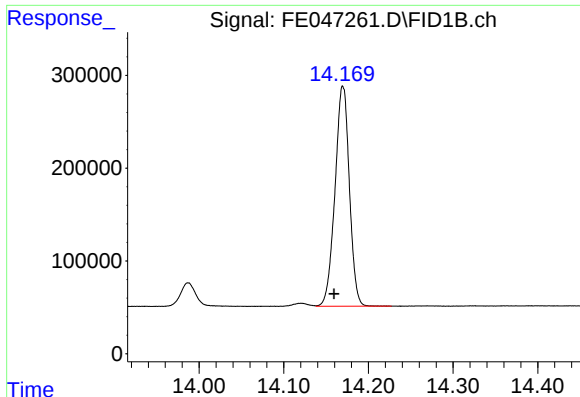
#11 n-Heneicosane (C21)

R.T.: 13.583 min  
Delta R.T.: 0.009 min  
Response: 2775454  
Conc: 18.34 ug/ml



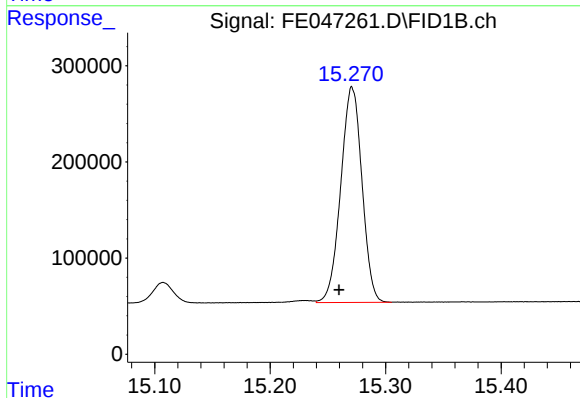
#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min  
Delta R.T.: 0.010 min  
Response: 2355261  
Conc: 18.47 ug/ml



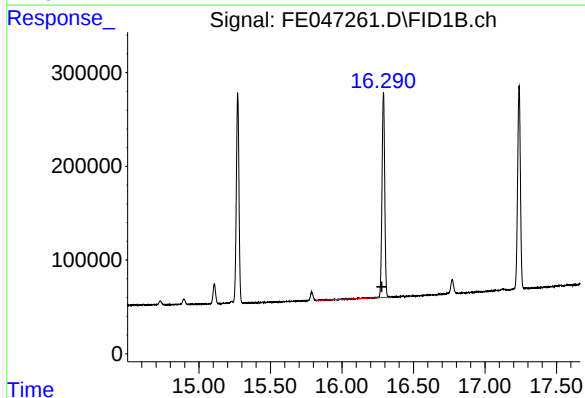
#13 n-Docosane (C22)

R.T.: 14.170 min  
Delta R.T.: 0.010 min  
Response: 2800938  
Conc: 18.62 ug/ml



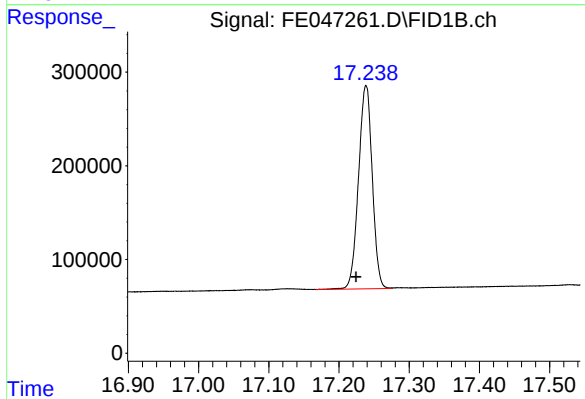
#14 n-Tetracosane (C24)

R.T.: 15.271 min  
Delta R.T.: 0.011 min  
Response: 2860351  
Conc: 19.15 ug/ml



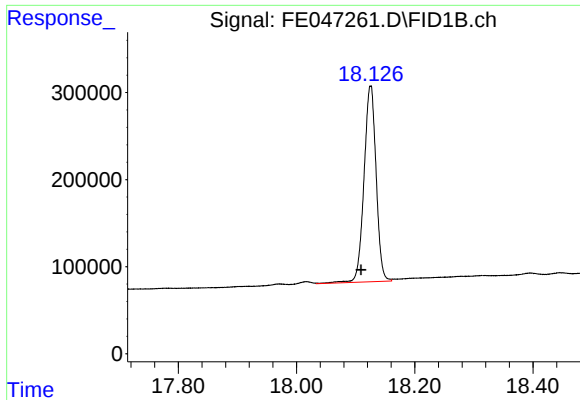
#15 n-Hexacosane (C26)

R.T.: 16.290 min  
Delta R.T.: 0.012 min  
Response: 2909367  
Conc: 19.97 ug/ml



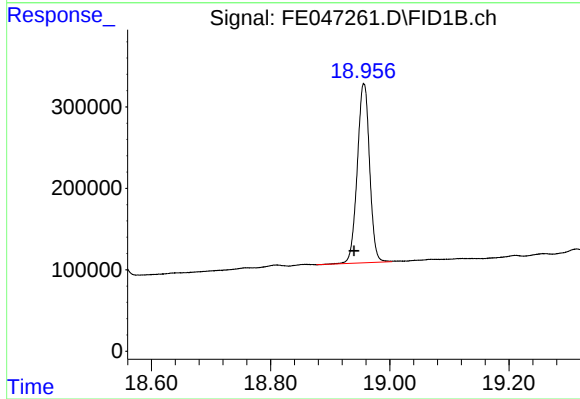
#16 n-Octacosane (C28)

R.T.: 17.239 min  
Delta R.T.: 0.014 min  
Response: 2949380  
Conc: 20.90 ug/ml



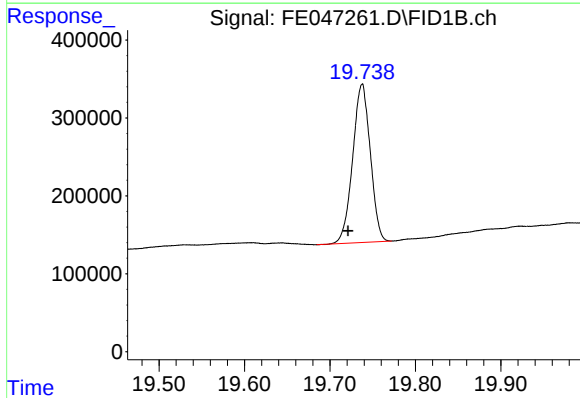
#17 n-Tricontane (C30)

R.T.: 18.125 min  
Delta R.T.: 0.016 min  
Response: 3201857  
Conc: 22.65 ug/ml



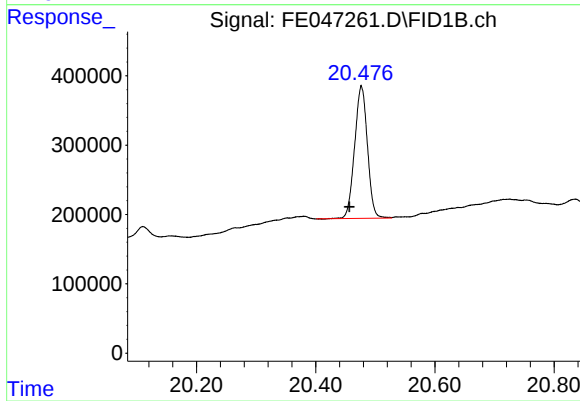
#18 n-Dotriacontane (C32)

R.T.: 18.956 min  
Delta R.T.: 0.016 min  
Response: 3157368  
Conc: 22.90 ug/ml



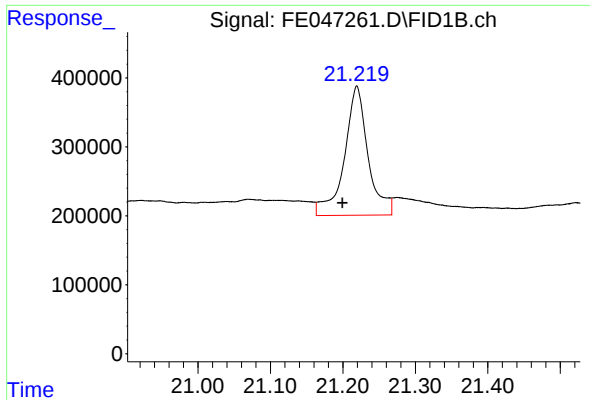
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min  
Delta R.T.: 0.017 min  
Response: 2915944  
Conc: 22.33 ug/ml



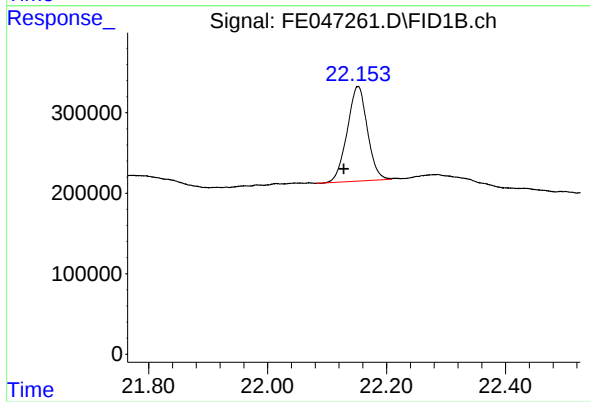
#20 n-Hexatriacontane (C36)

R.T.: 20.477 min  
Delta R.T.: 0.020 min  
Response: 2851350  
Conc: 22.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.219 min  
Delta R.T.: 0.020 min  
Response: 4254136  
Conc: 34.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.152 min  
Delta R.T.: 0.024 min  
Response: 2765095  
Conc: 23.51 ug/ml