

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032624AL\  
 Data File : FE047319.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Mar 2024 08:34  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 26 10:49:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032324.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 23 01:31:33 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)    | 11.987 | 3219181    | 20.556 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.11%       |
| 12) S 1-chlorooctadecane (S... | 13.420 | 2499327    | 20.608 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.22%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.370  | 3063565    | 20.978 ug/ml |
| 2) T n-Decane (C10)            | 4.621  | 3123114    | 20.951 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.328  | 3238332    | 20.873 ug/ml |
| 4) T n-Dodecane (C12)          | 6.786  | 3122061    | 20.876 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.424  | 3114991    | 20.815 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.614  | 3061821    | 20.759 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.222 | 3129045    | 20.673 ug/ml |
| 8) T n-Octadecane (C18)        | 11.665 | 3137523    | 20.651 ug/ml |
| 10) T n-Eicosane (C20)         | 12.974 | 3003770    | 20.645 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.585 | 2946361    | 20.615 ug/ml |
| 13) T n-Docosane (C22)         | 14.172 | 2956791    | 20.829 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.273 | 2998063    | 21.267 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.293 | 2993675    | 21.529 ug/ml |
| 16) T n-Octacosane (C28)       | 17.241 | 3003397    | 21.980 ug/ml |
| 17) T n-Tricontane (C30)       | 18.127 | 3092808    | 22.275 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.959 | 3054298    | 22.142 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.742 | 2975985    | 21.714 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.481 | 2998141    | 21.953 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.227 | 3148452    | 22.713 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.157 | 3051018    | 21.297 ug/ml |
| -----                          |        |            |              |

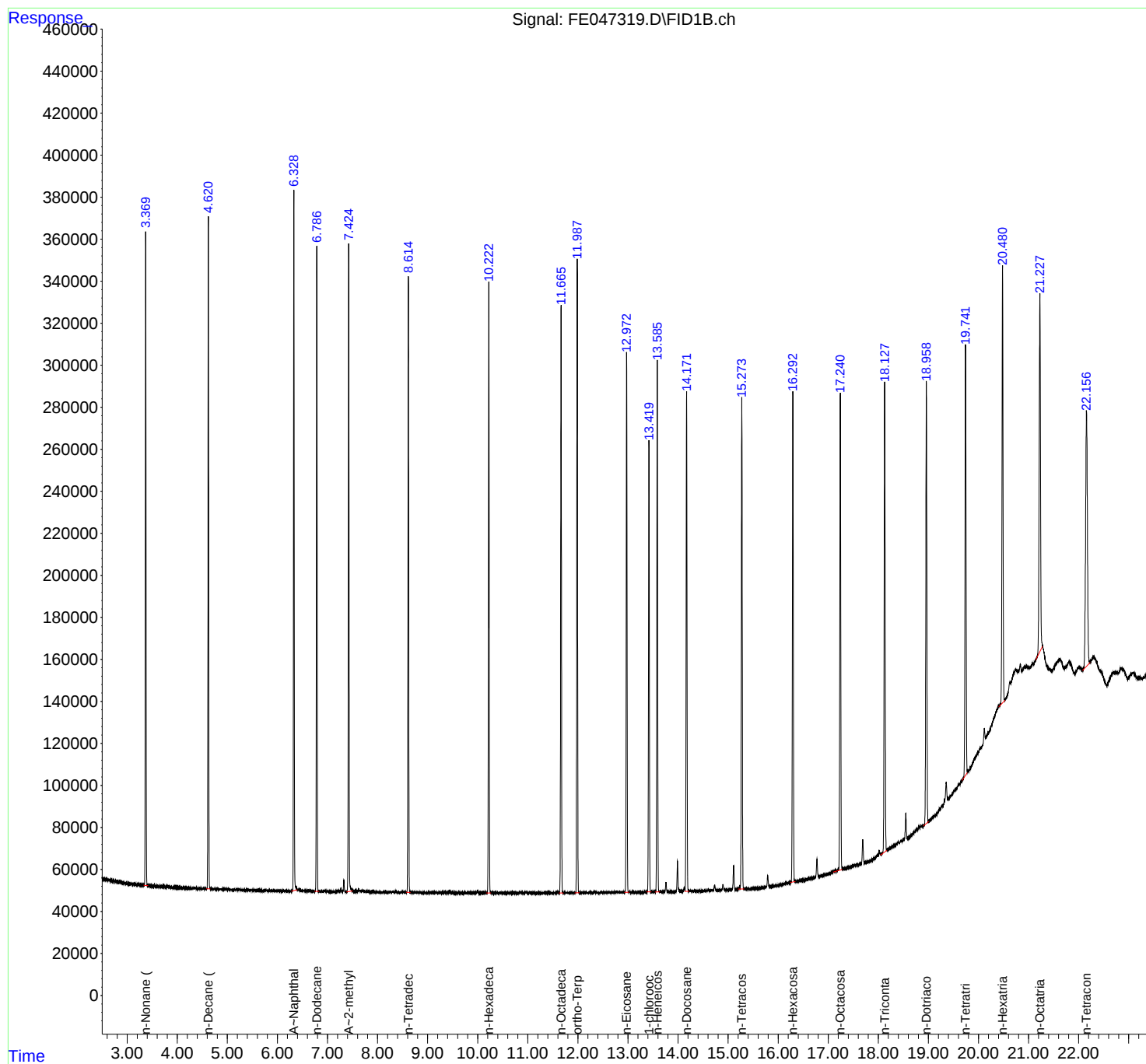
(f)=RT Delta > 1/2 Window

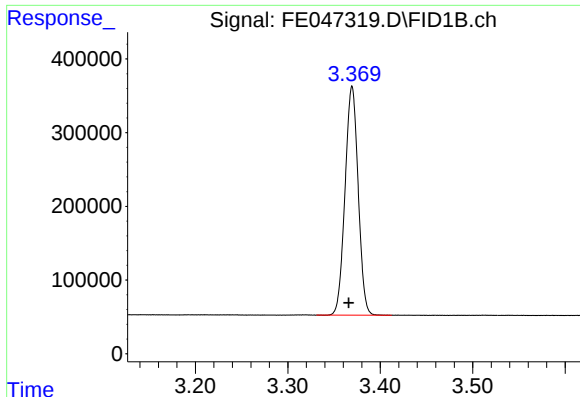
(m)=manual int.

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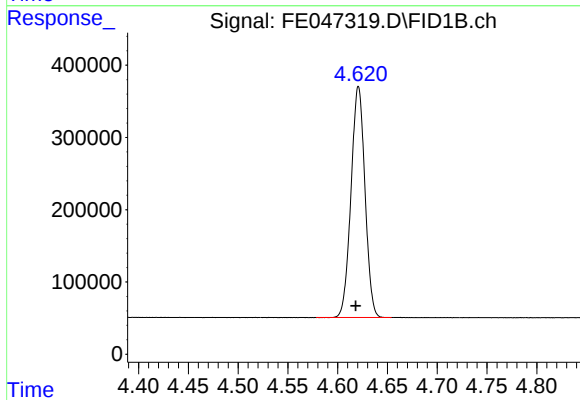
Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





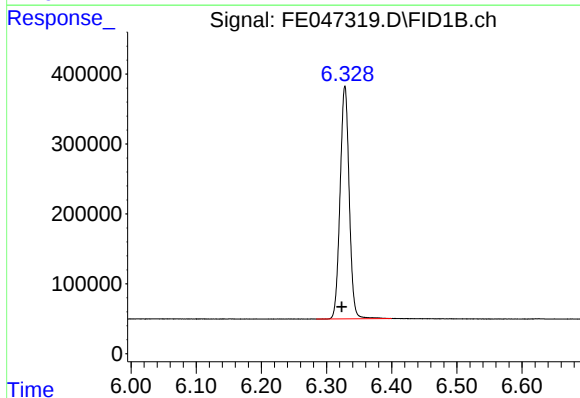
#1 n-Nonane (C9)

R.T.: 3.370 min  
Delta R.T.: 0.004 min  
Response: 3063565  
Conc: 20.98 ug/ml



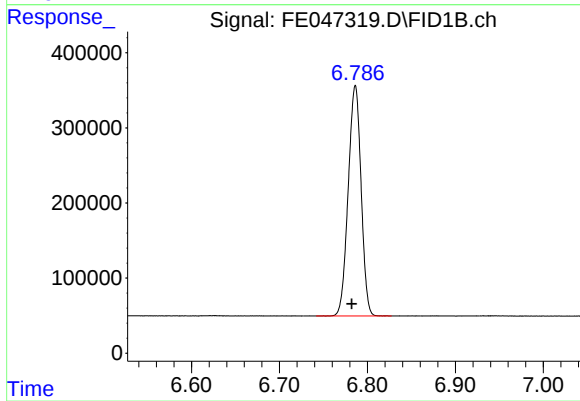
#2 n-Decane (C10)

R.T.: 4.621 min  
Delta R.T.: 0.003 min  
Response: 3123114  
Conc: 20.95 ug/ml



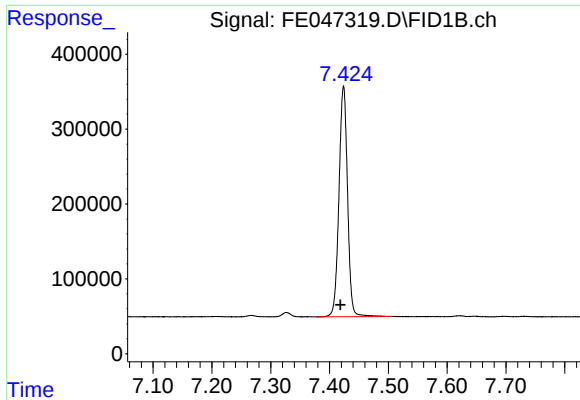
#3 A~Naphthalene (C11.7)

R.T.: 6.328 min  
Delta R.T.: 0.005 min  
Response: 3238332  
Conc: 20.87 ug/ml



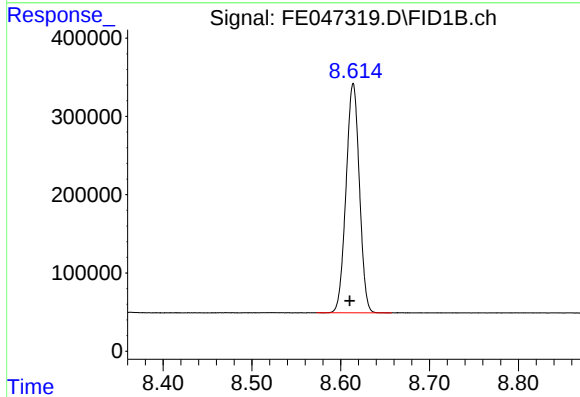
#4 n-Dodecane (C12)

R.T.: 6.786 min  
Delta R.T.: 0.004 min  
Response: 3122061  
Conc: 20.88 ug/ml



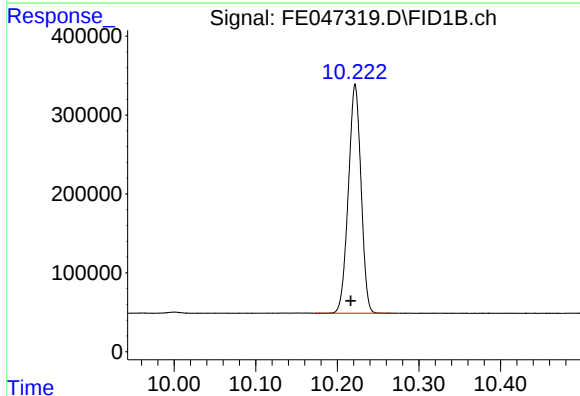
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.424 min  
Delta R.T.: 0.005 min  
Response: 3114991  
Conc: 20.81 ug/ml



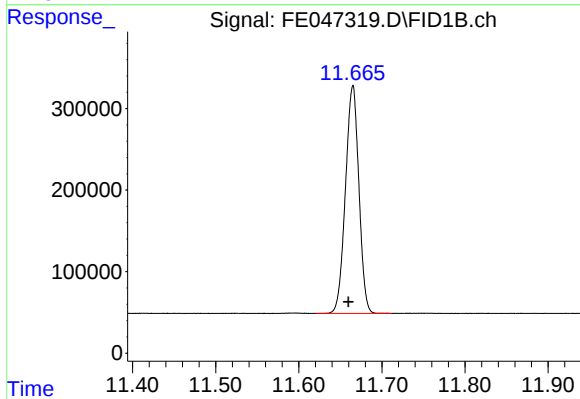
#6 n-Tetradecane (C14)

R.T.: 8.614 min  
Delta R.T.: 0.004 min  
Response: 3061821  
Conc: 20.76 ug/ml



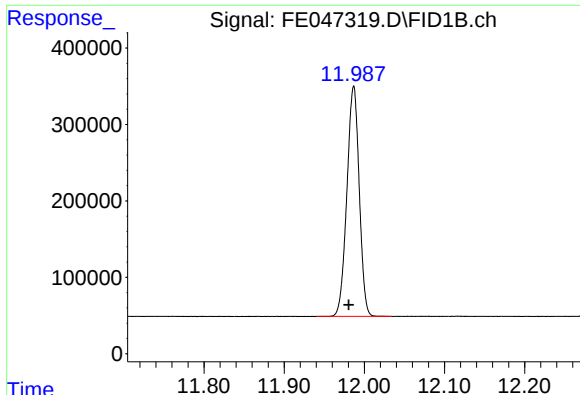
#7 n-Hexadecane (C16)

R.T.: 10.222 min  
Delta R.T.: 0.005 min  
Response: 3129045  
Conc: 20.67 ug/ml



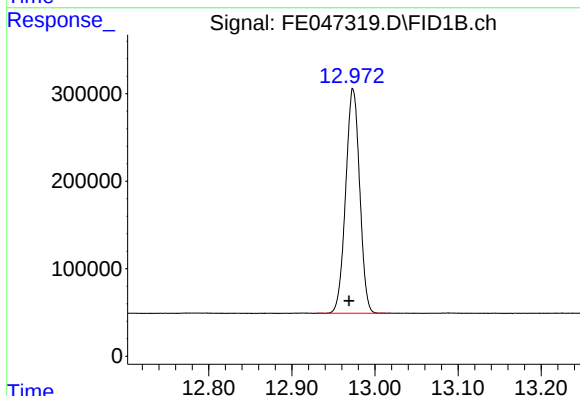
#8 n-Octadecane (C18)

R.T.: 11.665 min  
Delta R.T.: 0.005 min  
Response: 3137523  
Conc: 20.65 ug/ml



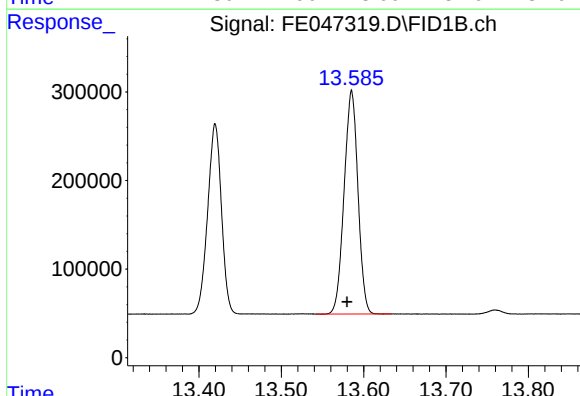
#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min  
Delta R.T.: 0.006 min  
Response: 3219181  
Conc: 20.56 ug/ml



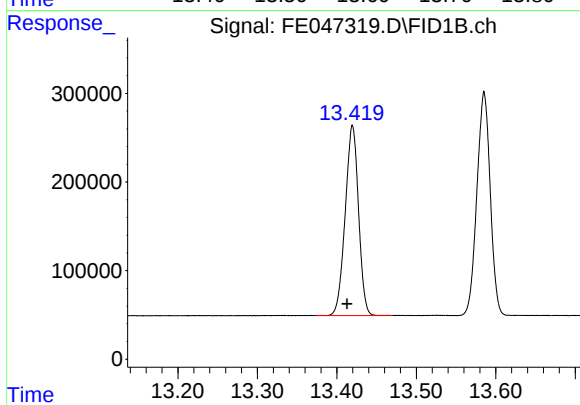
#10 n-Eicosane (C20)

R.T.: 12.974 min  
Delta R.T.: 0.005 min  
Response: 3003770  
Conc: 20.65 ug/ml



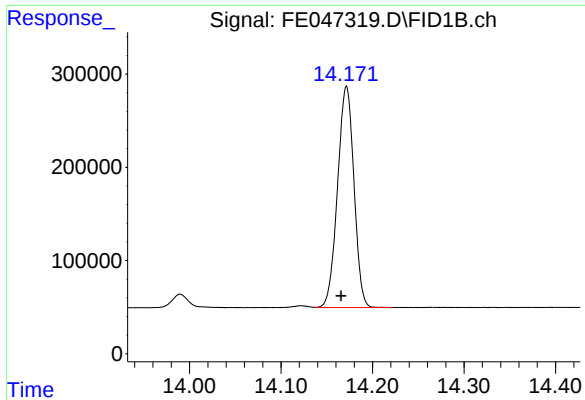
#11 n-Heneicosane (C21)

R.T.: 13.585 min  
Delta R.T.: 0.006 min  
Response: 2946361  
Conc: 20.61 ug/ml



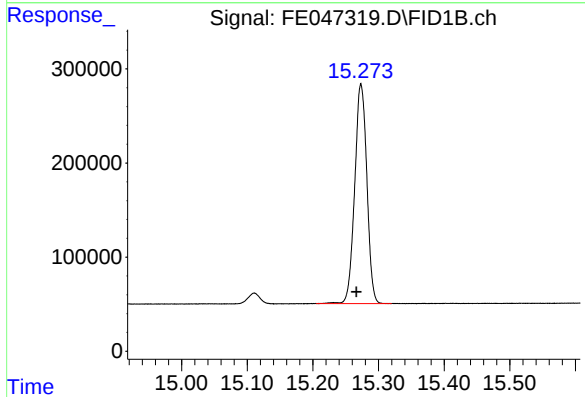
#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min  
Delta R.T.: 0.007 min  
Response: 2499327  
Conc: 20.61 ug/ml



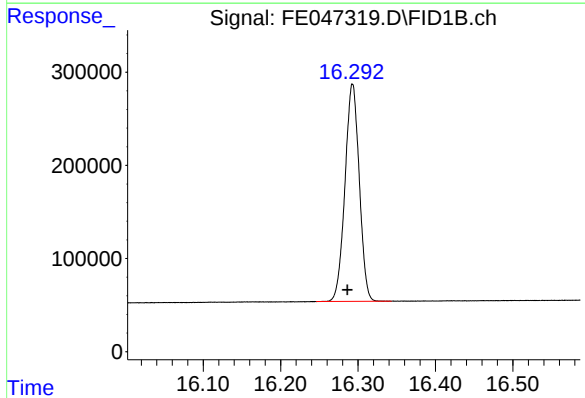
#13 n-Docosane (C22)

R.T.: 14.172 min  
Delta R.T.: 0.006 min  
Response: 2956791  
Conc: 20.83 ug/ml



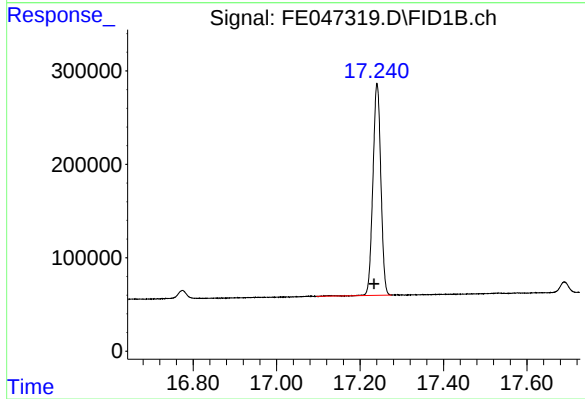
#14 n-Tetracosane (C24)

R.T.: 15.273 min  
Delta R.T.: 0.007 min  
Response: 2998063  
Conc: 21.27 ug/ml



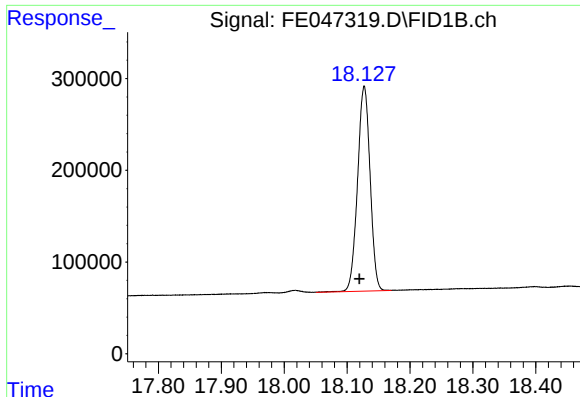
#15 n-Hexacosane (C26)

R.T.: 16.293 min  
Delta R.T.: 0.007 min  
Response: 2993675  
Conc: 21.53 ug/ml



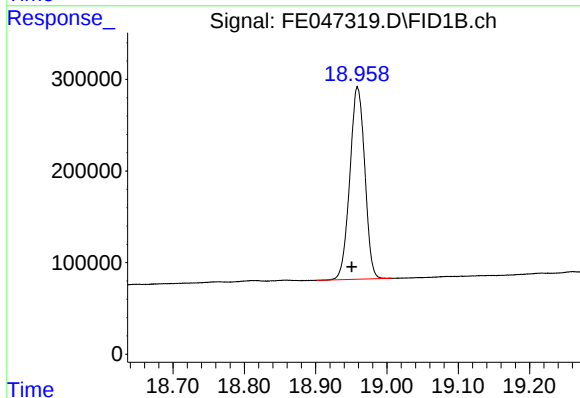
#16 n-Octacosane (C28)

R.T.: 17.241 min  
Delta R.T.: 0.007 min  
Response: 3003397  
Conc: 21.98 ug/ml



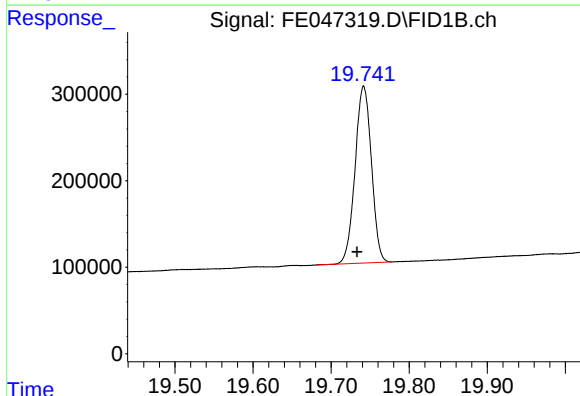
#17 n-Tricontane (C30)

R.T.: 18.127 min  
Delta R.T.: 0.008 min  
Response: 3092808  
Conc: 22.28 ug/ml



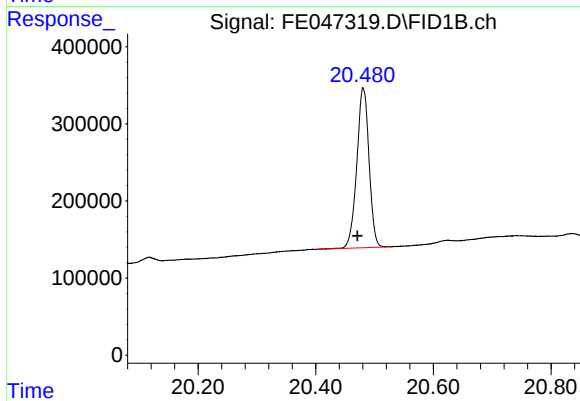
#18 n-Dotriacontane (C32)

R.T.: 18.959 min  
Delta R.T.: 0.008 min  
Response: 3054298  
Conc: 22.14 ug/ml



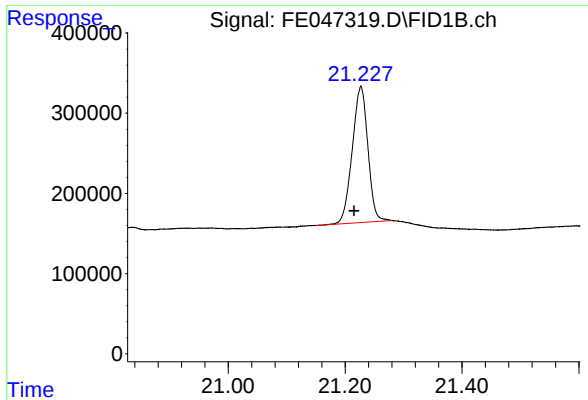
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min  
Delta R.T.: 0.009 min  
Response: 2975985  
Conc: 21.71 ug/ml



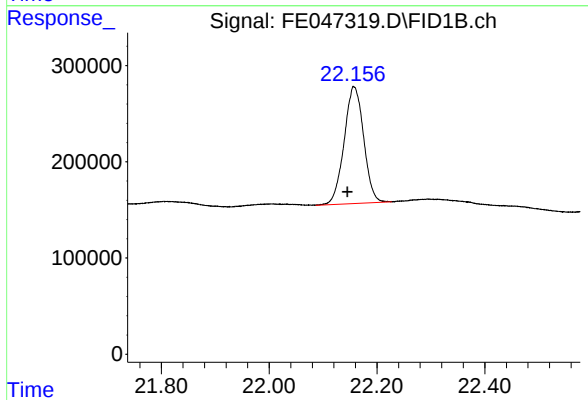
#20 n-Hexatriacontane (C36)

R.T.: 20.481 min  
Delta R.T.: 0.010 min  
Response: 2998141  
Conc: 21.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min  
Delta R.T.: 0.012 min  
Response: 3148452  
Conc: 22.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.157 min  
Delta R.T.: 0.012 min  
Response: 3051018  
Conc: 21.30 ug/ml