

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022123AL\  
 Data File : FD045107.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 Feb 2023 01:48  
 Operator : YP/AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 22 05:09:03 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 022123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 22 05:07:41 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)    | 11.461 | 14524209   | 94.198 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 188.40%      |
| 12) S 1-chlorooctadecane (S... | 12.892 | 11066736   | 95.725 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 191.45%      |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.270  | 12769501   | 93.162 ug/ml |
| 2) T n-Decane (C10)            | 4.330  | 12560601   | 93.177 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.899  | 14759659   | 93.316 ug/ml |
| 4) T n-Dodecane (C12)          | 6.337  | 12711242   | 93.229 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.950  | 13954178   | 93.934 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.123  | 12776554   | 93.241 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.716  | 13078335   | 93.582 ug/ml |
| 8) T n-Octadecane (C18)        | 11.152 | 13196748   | 93.552 ug/ml |
| 10) T n-Eicosane (C20)         | 12.452 | 12802625   | 94.076 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.061 | 12822028   | 94.024 ug/ml |
| 13) T n-Docosane (C22)         | 13.643 | 12659527   | 94.277 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.739 | 12452213   | 94.395 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.753 | 12001081   | 95.435 ug/ml |
| 16) T n-Octacosane (C28)       | 16.696 | 11623429   | 95.456 ug/ml |
| 17) T n-Tricontane (C30)       | 17.577 | 11261067   | 95.406 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.405 | 11089211   | 94.964 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.182 | 10895753   | 95.037 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.915 | 10422788   | 95.447 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.621 | 10291808   | 95.112 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.460 | 10238006   | 94.618 ug/ml |
| -----                          |        |            |              |

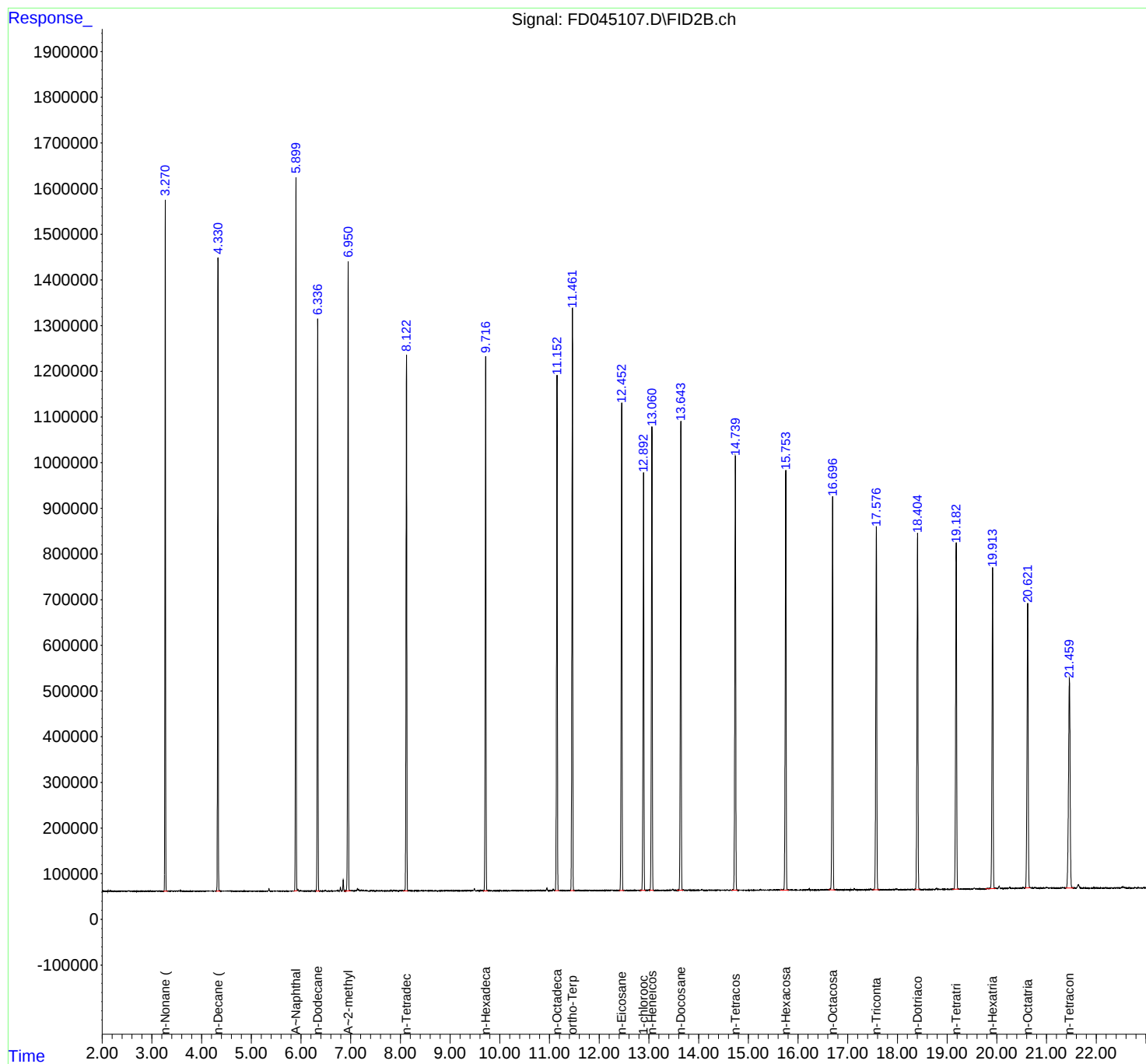
(f)=RT Delta > 1/2 Window

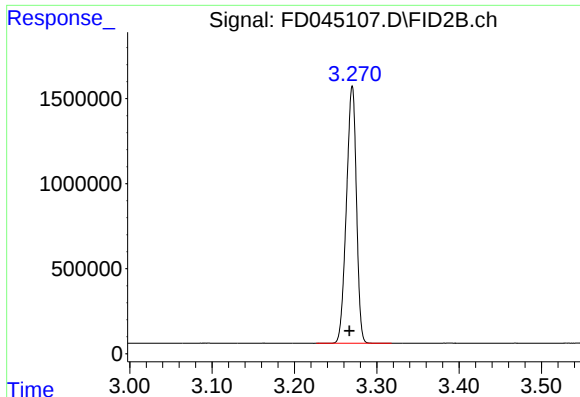
(m)=manual int.

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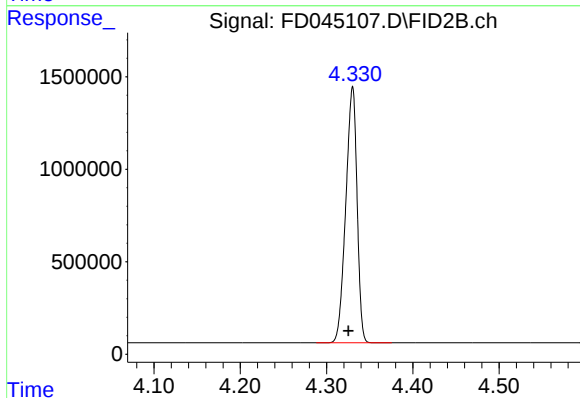
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





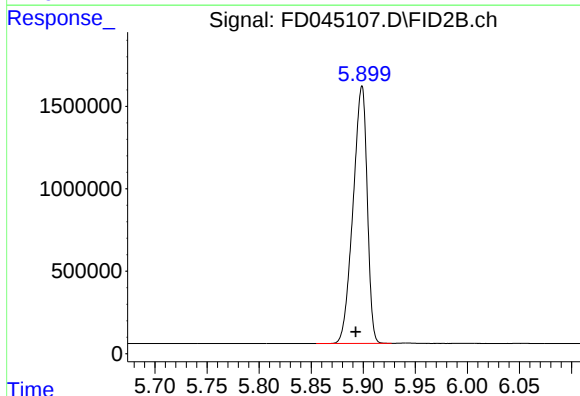
#1 n-Nonane (C9)

R.T.: 3.270 min  
Delta R.T.: 0.003 min  
Response: 12769501  
Conc: 93.16 ug/ml



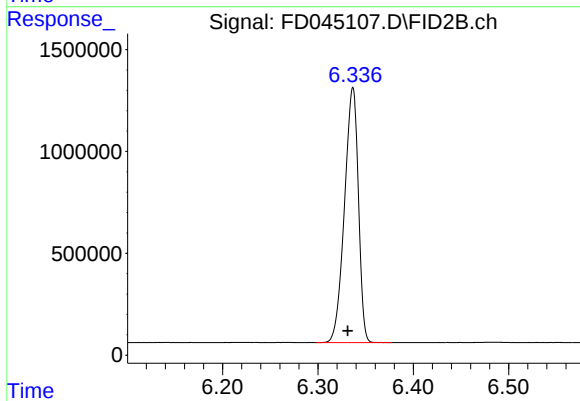
#2 n-Decane (C10)

R.T.: 4.330 min  
Delta R.T.: 0.005 min  
Response: 12560601  
Conc: 93.18 ug/ml



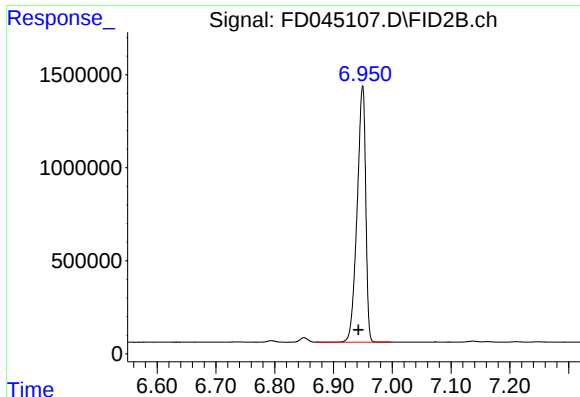
#3 A~Naphthalene (C11.7)

R.T.: 5.899 min  
Delta R.T.: 0.006 min  
Response: 14759659  
Conc: 93.32 ug/ml



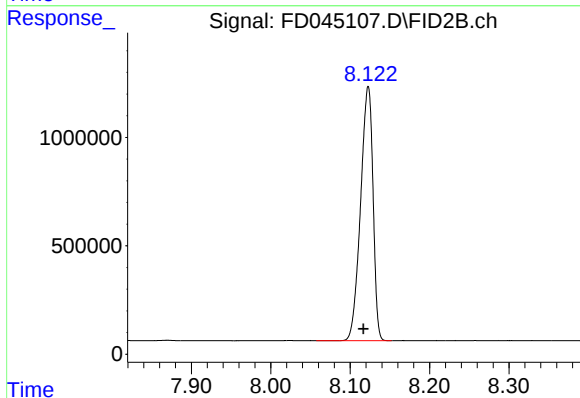
#4 n-Dodecane (C12)

R.T.: 6.337 min  
Delta R.T.: 0.006 min  
Response: 12711242  
Conc: 93.23 ug/ml



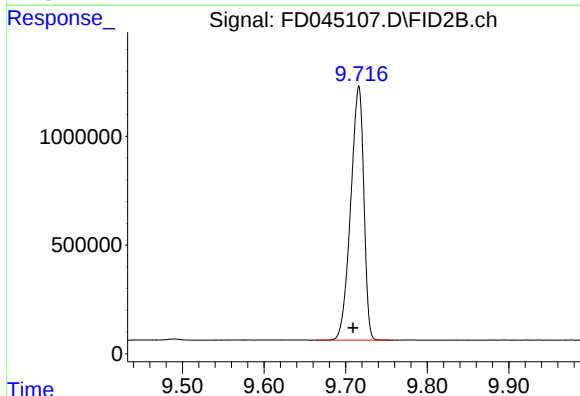
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.950 min  
Delta R.T.: 0.007 min  
Response: 13954178  
Conc: 93.93 ug/ml



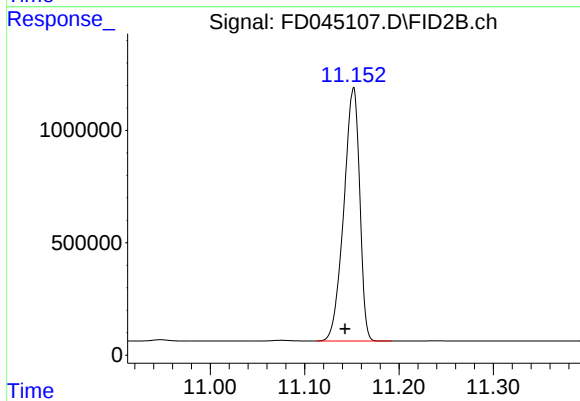
#6 n-Tetradecane (C14)

R.T.: 8.123 min  
Delta R.T.: 0.006 min  
Response: 12776554  
Conc: 93.24 ug/ml



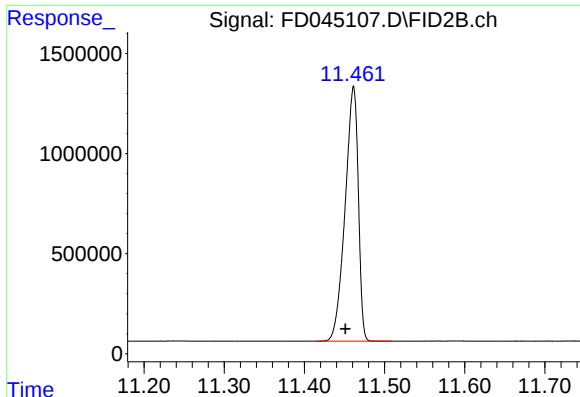
#7 n-Hexadecane (C16)

R.T.: 9.716 min  
Delta R.T.: 0.007 min  
Response: 13078335  
Conc: 93.58 ug/ml



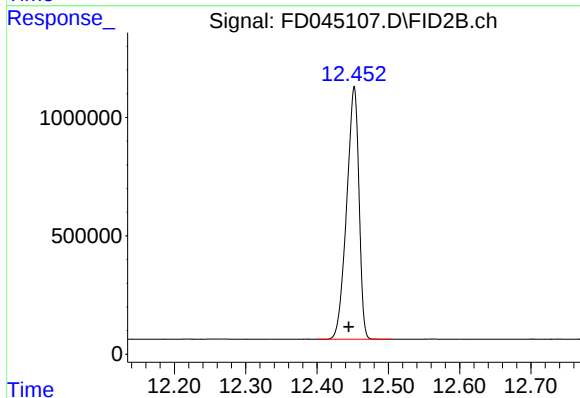
#8 n-Octadecane (C18)

R.T.: 11.152 min  
Delta R.T.: 0.009 min  
Response: 13196748  
Conc: 93.55 ug/ml



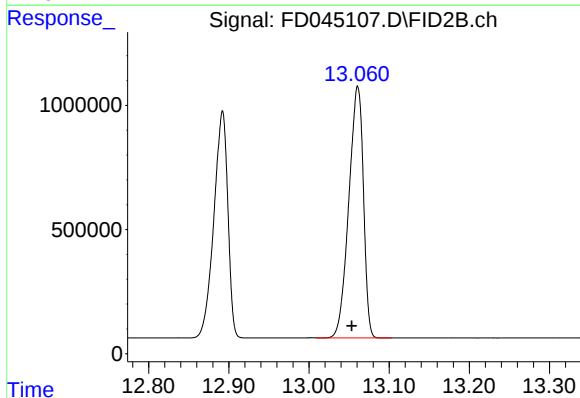
#9 ortho-Terphenyl (SURR)

R.T.: 11.461 min  
Delta R.T.: 0.010 min  
Response: 14524209  
Conc: 94.20 ug/ml



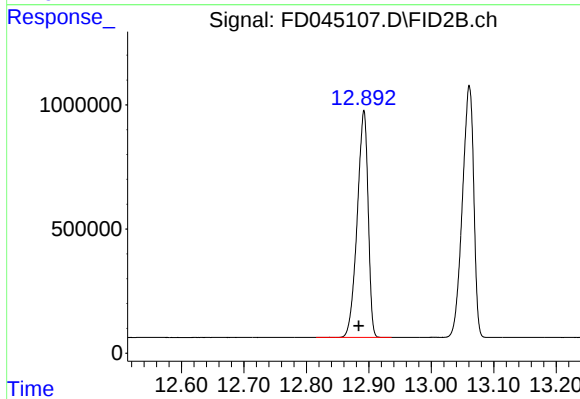
#10 n-Eicosane (C20)

R.T.: 12.452 min  
Delta R.T.: 0.008 min  
Response: 12802625  
Conc: 94.08 ug/ml



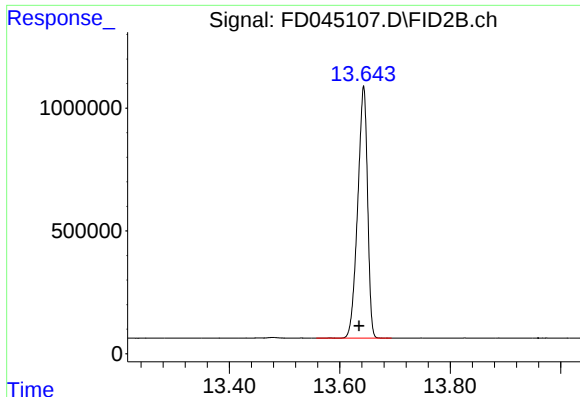
#11 n-Heneicosane (C21)

R.T.: 13.061 min  
Delta R.T.: 0.008 min  
Response: 12822028  
Conc: 94.02 ug/ml



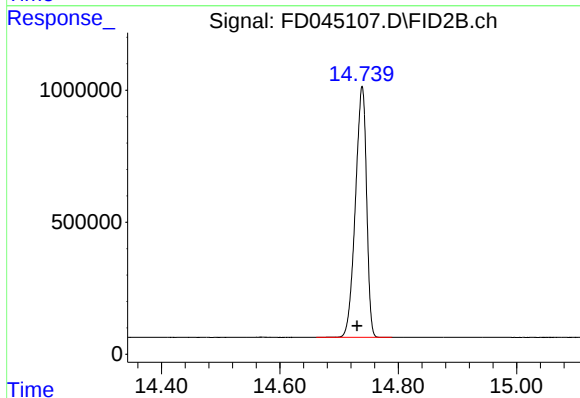
#12 1-chlorooctadecane (SURR)

R.T.: 12.892 min  
Delta R.T.: 0.008 min  
Response: 11066736  
Conc: 95.72 ug/ml



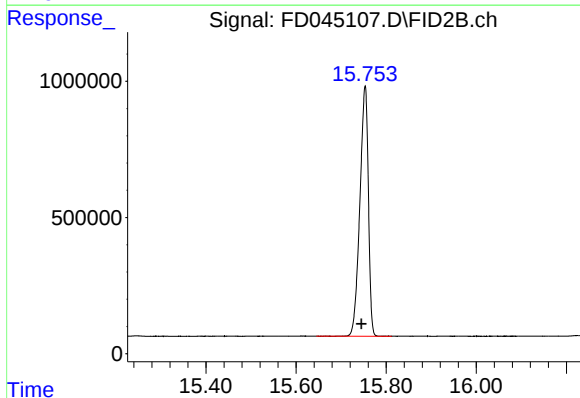
#13 n-Docosane (C22)

R.T.: 13.643 min  
Delta R.T.: 0.008 min  
Response: 12659527  
Conc: 94.28 ug/ml



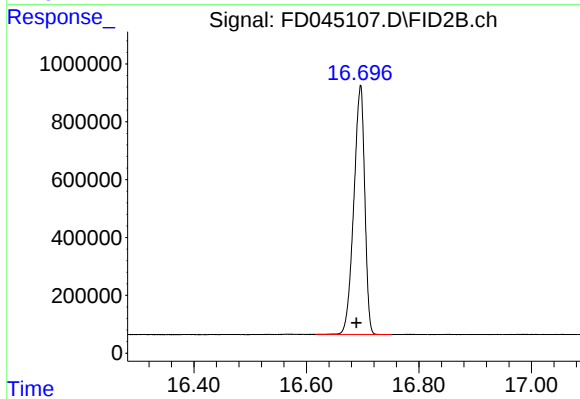
#14 n-Tetracosane (C24)

R.T.: 14.739 min  
Delta R.T.: 0.009 min  
Response: 12452213  
Conc: 94.40 ug/ml



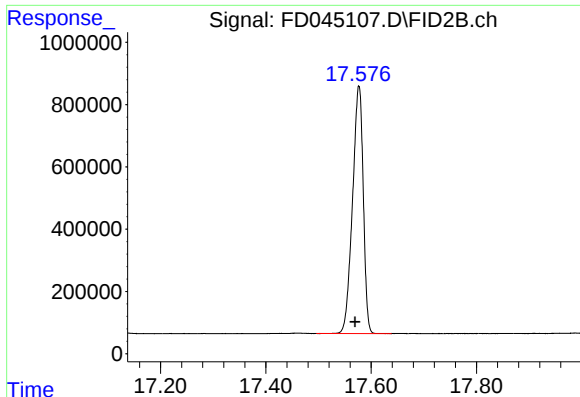
#15 n-Hexacosane (C26)

R.T.: 15.753 min  
Delta R.T.: 0.009 min  
Response: 12001081  
Conc: 95.44 ug/ml



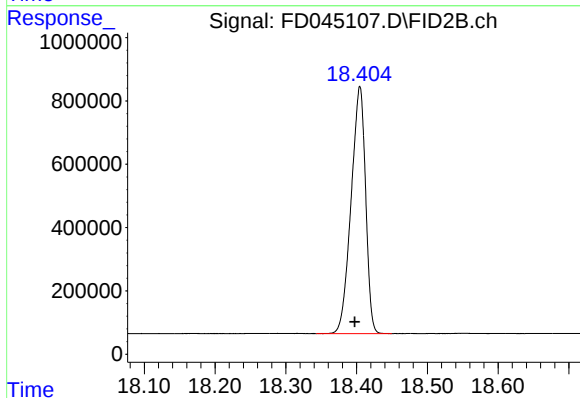
#16 n-Octacosane (C28)

R.T.: 16.696 min  
Delta R.T.: 0.008 min  
Response: 11623429  
Conc: 95.46 ug/ml



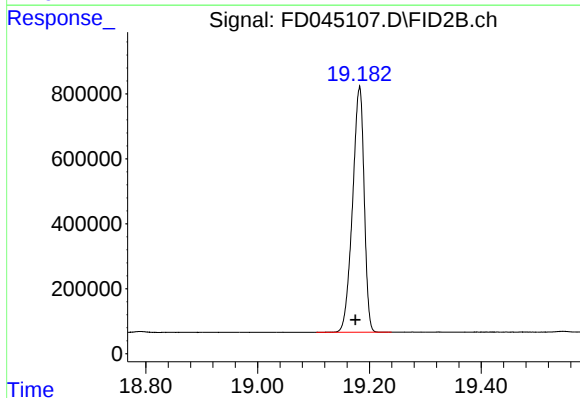
#17 n-Tricontane (C30)

R.T.: 17.577 min  
Delta R.T.: 0.008 min  
Response: 11261067  
Conc: 95.41 ug/ml



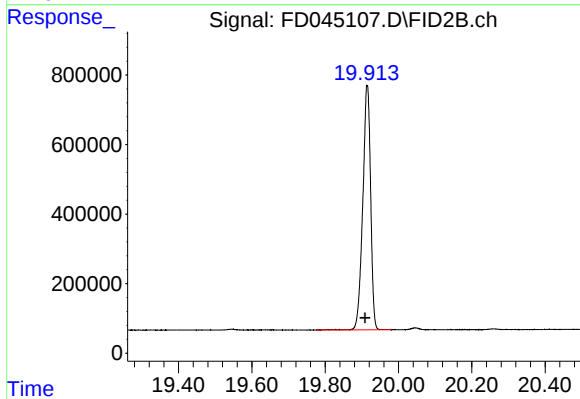
#18 n-Dotriacontane (C32)

R.T.: 18.405 min  
Delta R.T.: 0.007 min  
Response: 11089211  
Conc: 94.96 ug/ml



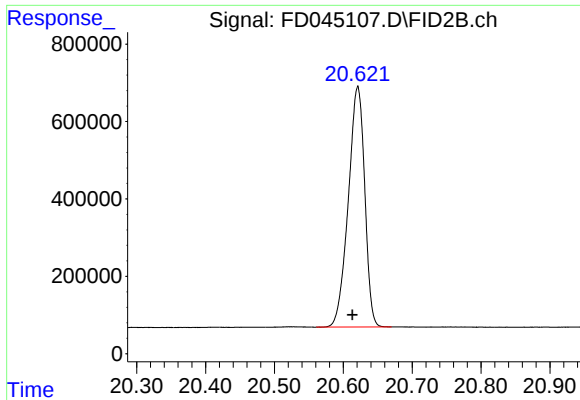
#19 n-Tetratriacontane (C34)

R.T.: 19.182 min  
Delta R.T.: 0.007 min  
Response: 10895753  
Conc: 95.04 ug/ml



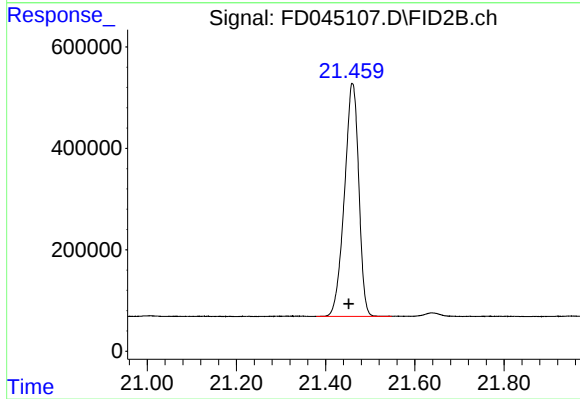
#20 n-Hexatriacontane (C36)

R.T.: 19.915 min  
Delta R.T.: 0.006 min  
Response: 10422788  
Conc: 95.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.621 min  
Delta R.T.: 0.008 min  
Response: 10291808  
Conc: 95.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.460 min  
Delta R.T.: 0.009 min  
Response: 10238006  
Conc: 94.62 ug/ml