

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080222AL\  
 Data File : FD043466.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Aug 2022 13:28  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Aug 03 04:59:13 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 05:37:25 2022  
 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)    | 11.530 | 3160160    | 19.964 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.93%        |
| 12) S 1-chlorooctadecane (S... | 12.967 | 2445366    | 19.952 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.90%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.310  | 3077025    | 21.953 ug/ml  |
| 2) T n-Decane (C10)            | 4.374  | 3094946    | 22.011 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.953  | 3322894    | 21.869 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.388  | 3114307    | 21.881 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.007  | 3270800    | 21.860 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.180  | 3073115    | 21.664 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.777  | 3042133    | 21.449 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.217 | 2998585    | 20.971 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.524 | 2929731    | 20.234 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.134 | 2888968    | 19.890 ug/ml  |
| 13) T n-Docosane (C22)         | 13.719 | 2849665    | 19.642 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.819 | 2741531    | 18.924 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.838 | 2650618    | 18.428 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.785 | 2568151    | 18.154 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.670 | 2574287    | 18.239 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.500 | 2560442    | 18.516 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.282 | 2468109    | 19.179 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.020 | 2459939    | 19.943 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.740 | 2677245    | 22.641 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.619 | 2426363    | 21.458 ug/mlm |
| -----                          |        |            |               |

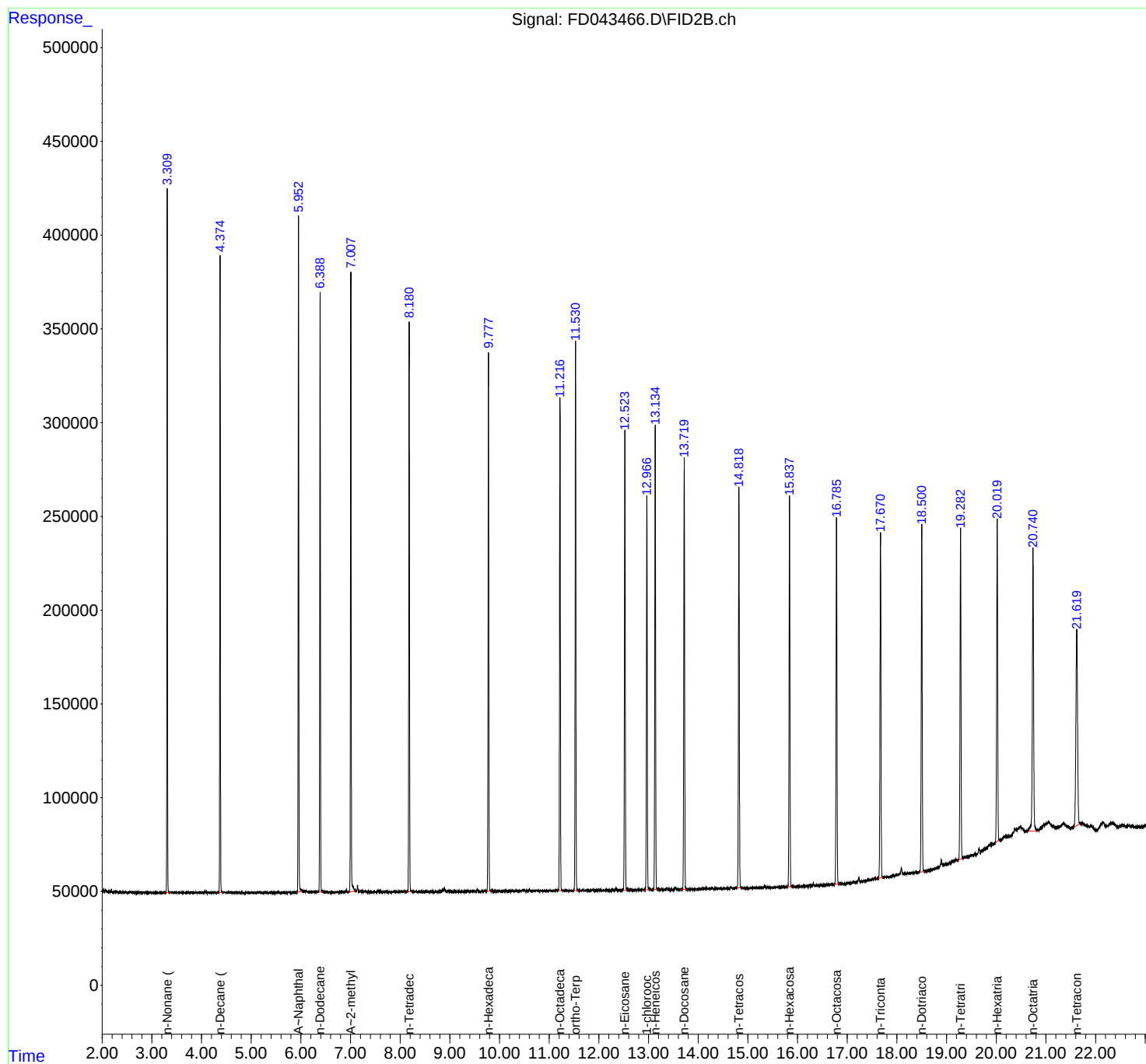
(f)=RT Delta > 1/2 Window

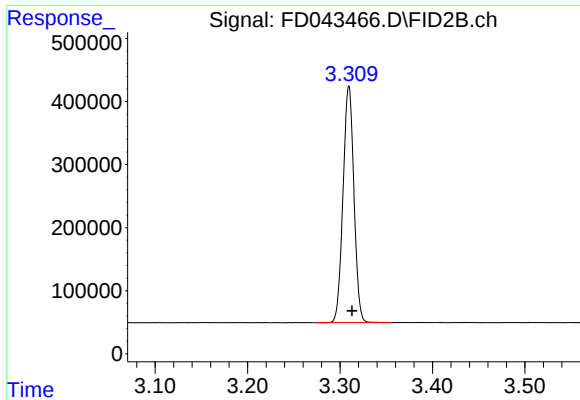
(m)=manual int.

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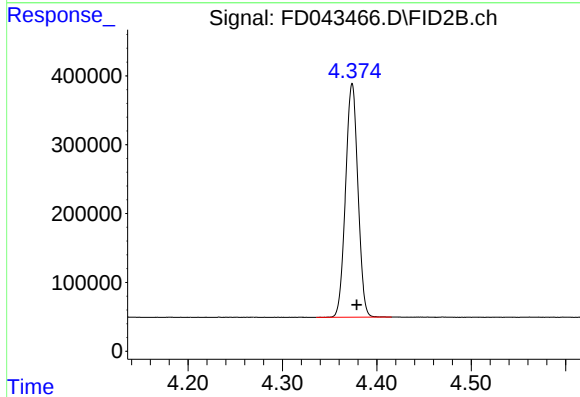
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





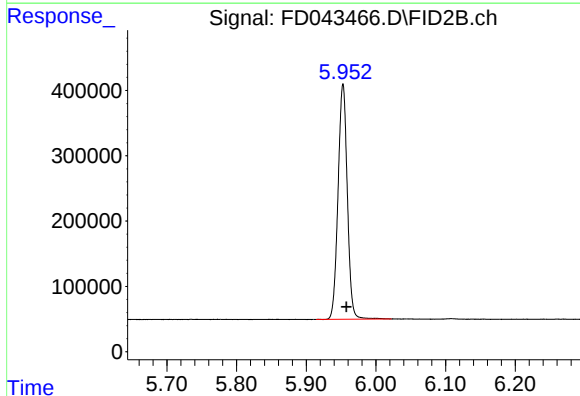
#1 n-Nonane (C9)

R.T.: 3.310 min  
Delta R.T.: -0.003 min  
Response: 3077025  
Conc: 21.95 ug/ml



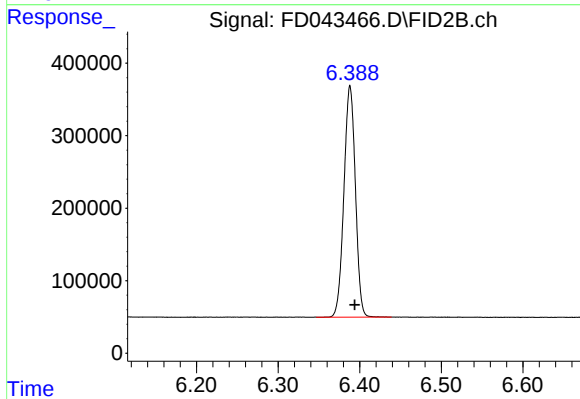
#2 n-Decane (C10)

R.T.: 4.374 min  
Delta R.T.: -0.005 min  
Response: 3094946  
Conc: 22.01 ug/ml



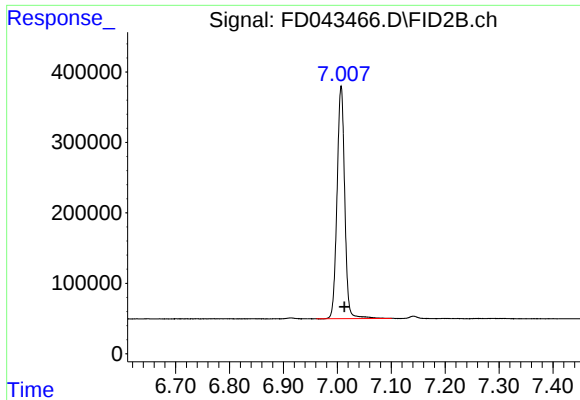
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min  
Delta R.T.: -0.005 min  
Response: 3322894  
Conc: 21.87 ug/ml



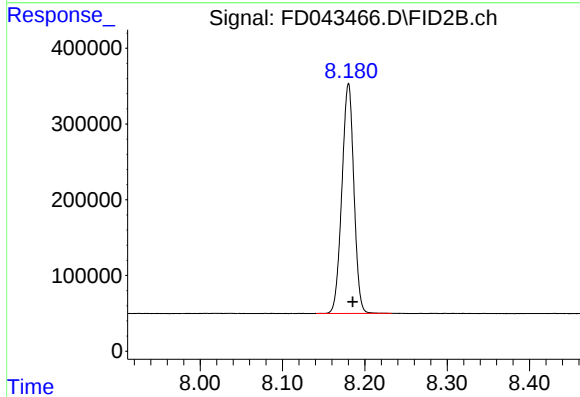
#4 n-Dodecane (C12)

R.T.: 6.388 min  
Delta R.T.: -0.006 min  
Response: 3114307  
Conc: 21.88 ug/ml



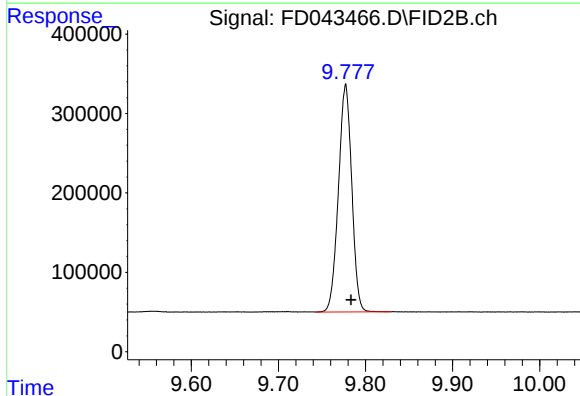
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min  
Delta R.T.: -0.006 min  
Response: 3270800  
Conc: 21.86 ug/ml



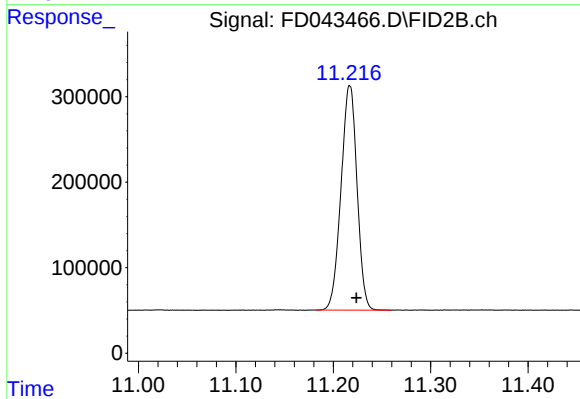
#6 n-Tetradecane (C14)

R.T.: 8.180 min  
Delta R.T.: -0.005 min  
Response: 3073115  
Conc: 21.66 ug/ml



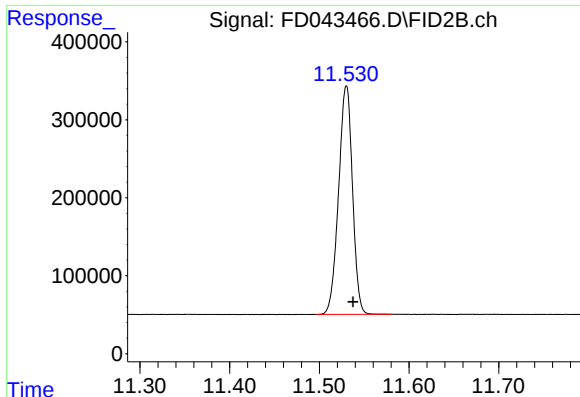
#7 n-Hexadecane (C16)

R.T.: 9.777 min  
Delta R.T.: -0.006 min  
Response: 3042133  
Conc: 21.45 ug/ml



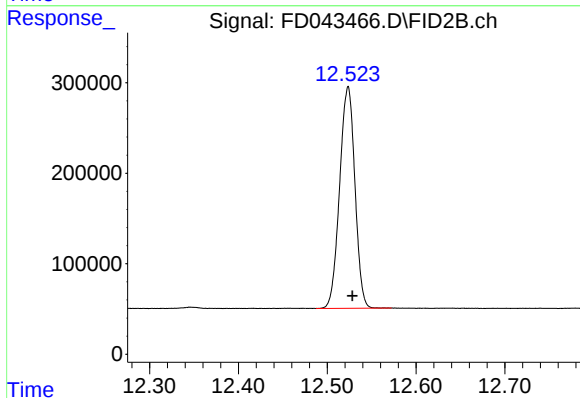
#8 n-Octadecane (C18)

R.T.: 11.217 min  
Delta R.T.: -0.007 min  
Response: 2998585  
Conc: 20.97 ug/ml



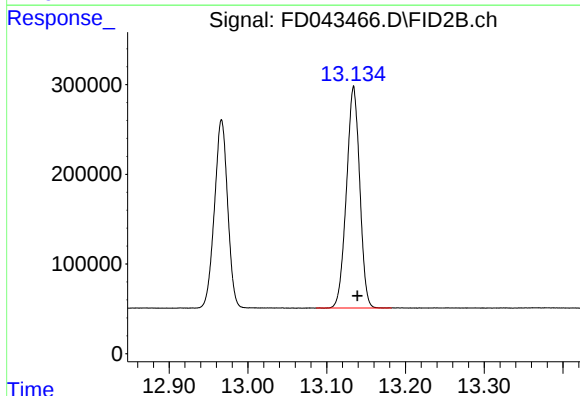
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min  
Delta R.T.: -0.008 min  
Response: 3160160  
Conc: 19.96 ug/ml



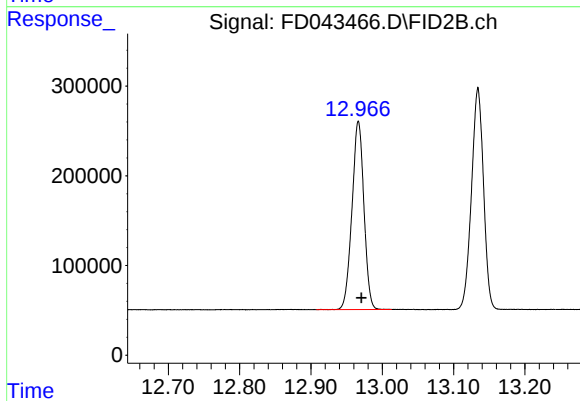
#10 n-Eicosane (C20)

R.T.: 12.524 min  
Delta R.T.: -0.005 min  
Response: 2929731  
Conc: 20.23 ug/ml



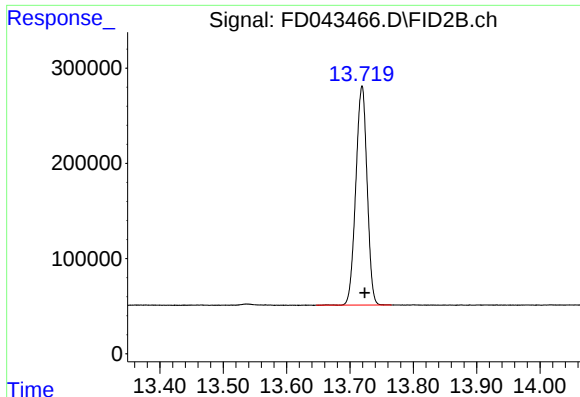
#11 n-Heneicosane (C21)

R.T.: 13.134 min  
Delta R.T.: -0.005 min  
Response: 2888968  
Conc: 19.89 ug/ml



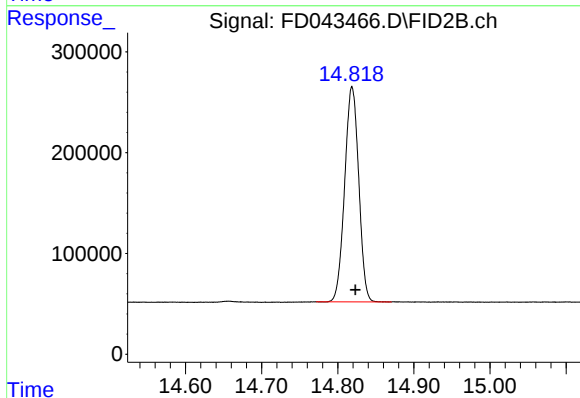
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min  
Delta R.T.: -0.004 min  
Response: 2445366  
Conc: 19.95 ug/ml



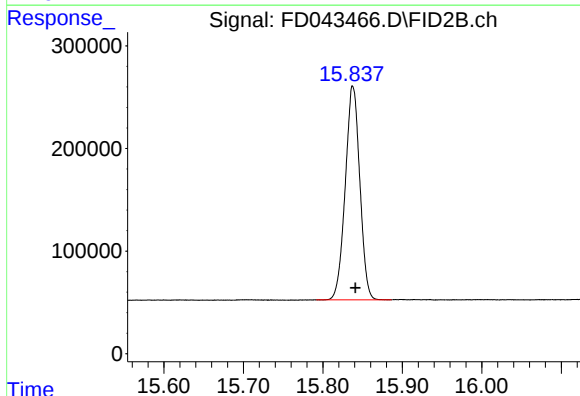
#13 n-Docosane (C22)

R.T.: 13.719 min  
Delta R.T.: -0.004 min  
Response: 2849665  
Conc: 19.64 ug/ml



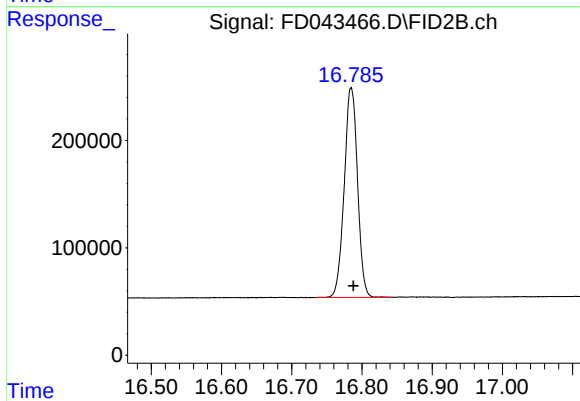
#14 n-Tetracosane (C24)

R.T.: 14.819 min  
Delta R.T.: -0.004 min  
Response: 2741531  
Conc: 18.92 ug/ml



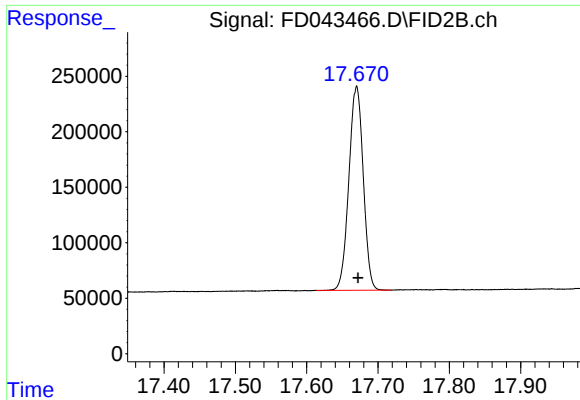
#15 n-Hexacosane (C26)

R.T.: 15.838 min  
Delta R.T.: -0.003 min  
Response: 2650618  
Conc: 18.43 ug/ml



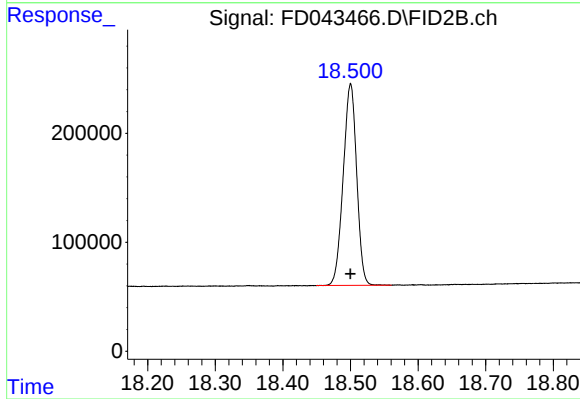
#16 n-Octacosane (C28)

R.T.: 16.785 min  
Delta R.T.: -0.003 min  
Response: 2568151  
Conc: 18.15 ug/ml



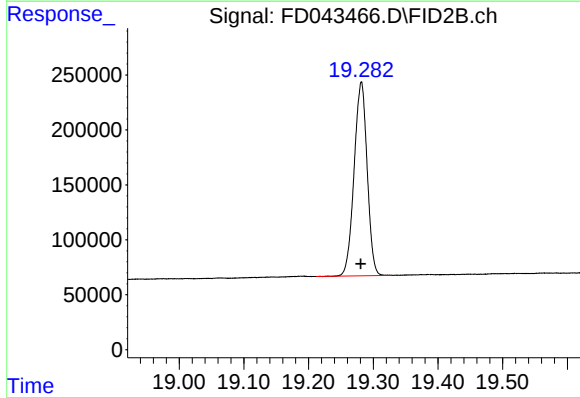
#17 n-Tricontane (C30)

R.T.: 17.670 min  
Delta R.T.: -0.002 min  
Response: 2574287  
Conc: 18.24 ug/ml



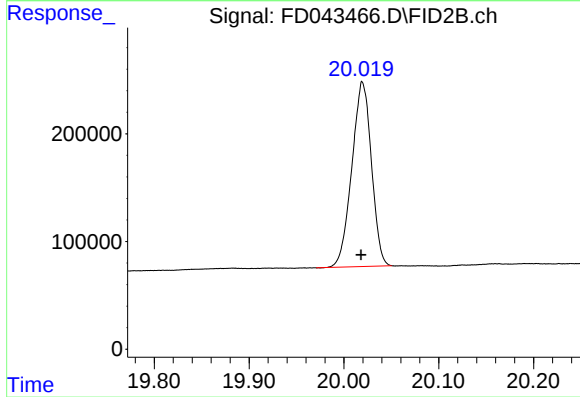
#18 n-Dotriacontane (C32)

R.T.: 18.500 min  
Delta R.T.: 0.000 min  
Response: 2560442  
Conc: 18.52 ug/ml



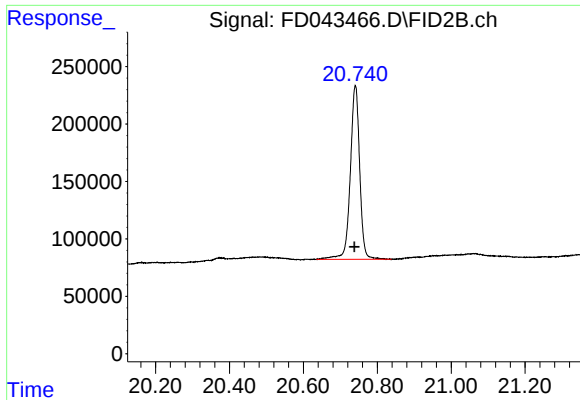
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min  
Delta R.T.: 0.001 min  
Response: 2468109  
Conc: 19.18 ug/ml



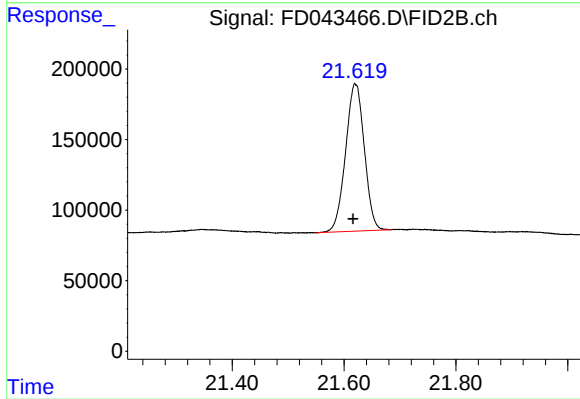
#20 n-Hexatriacontane (C36)

R.T.: 20.020 min  
Delta R.T.: 0.002 min  
Response: 2459939  
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.740 min  
Delta R.T.: 0.002 min  
Response: 2677245  
Conc: 22.64 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.619 min  
Delta R.T.: 0.003 min  
Response: 2426363  
Conc: 21.46 ug/ml m