

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072622AL\  
 Data File : FD043366.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 Jul 2022 02:00  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Jul 27 05:07:41 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)    | 11.528 | 3183512    | 20.111 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.22%        |
| 12) S 1-chlorooctadecane (S... | 12.963 | 2482396    | 20.255 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.51%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.314  | 2874636    | 20.509 ug/ml  |
| 2) T n-Decane (C10)            | 4.378  | 2892649    | 20.573 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.955  | 3128516    | 20.590 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.391  | 2900356    | 20.378 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.009  | 3097874    | 20.704 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.182  | 2885934    | 20.345 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.777  | 2902083    | 20.462 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.215 | 2934905    | 20.525 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.521 | 2937725    | 20.289 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.131 | 2949007    | 20.304 ug/ml  |
| 13) T n-Docosane (C22)         | 13.715 | 2926287    | 20.170 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.816 | 2853920    | 19.700 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.834 | 2762428    | 19.205 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.780 | 2638847    | 18.654 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.664 | 2581481    | 18.290 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.496 | 2522715    | 18.243 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.275 | 2381145    | 18.504 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.014 | 2340142    | 18.972 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.734 | 2379268    | 20.121 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.612 | 2391643    | 21.151 ug/ml  |
| -----                          |        |            |               |

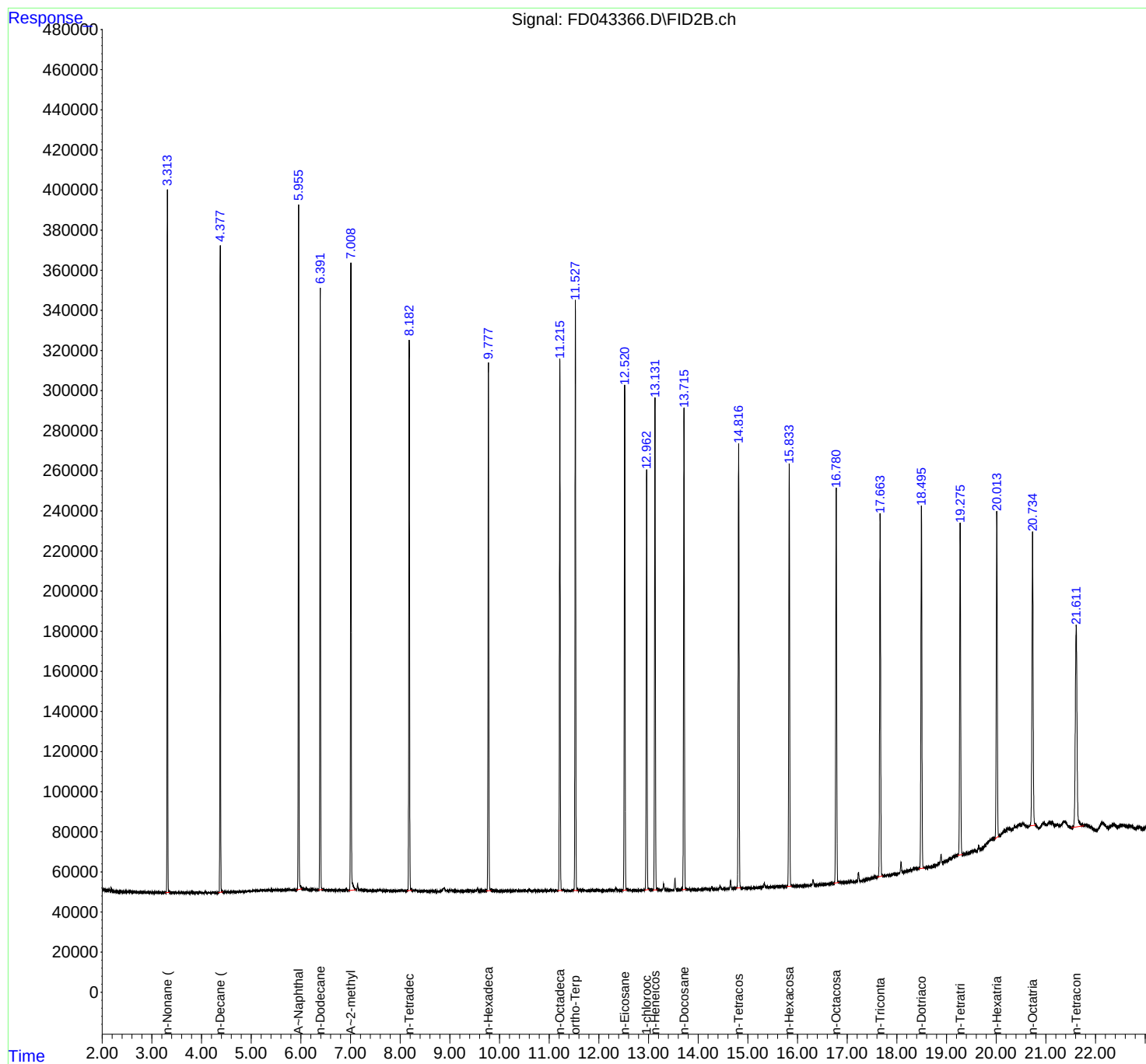
(f)=RT Delta > 1/2 Window

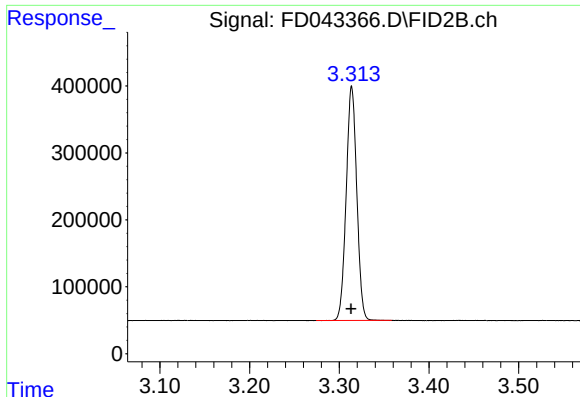
(m)=manual int.

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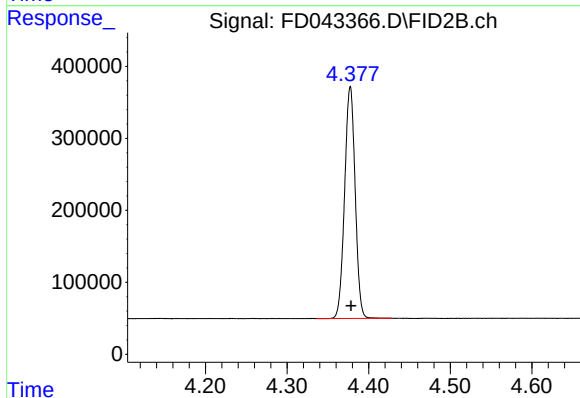
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





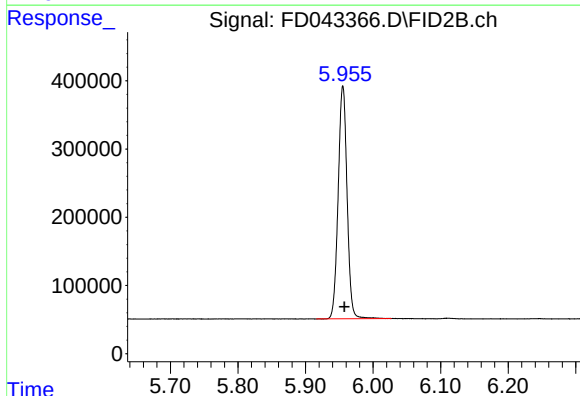
#1 n-Nonane (C9)

R.T.: 3.314 min  
Delta R.T.: 0.000 min  
Response: 2874636  
Conc: 20.51 ug/ml



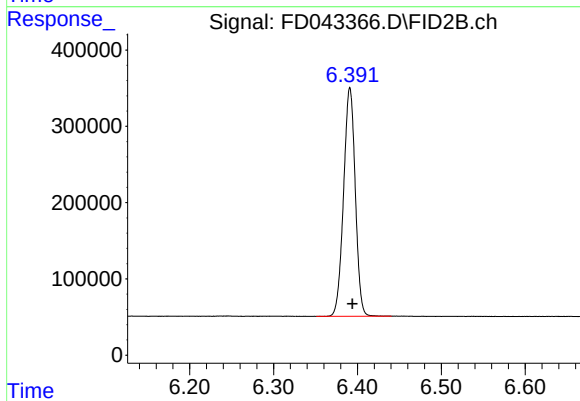
#2 n-Decane (C10)

R.T.: 4.378 min  
Delta R.T.: 0.000 min  
Response: 2892649  
Conc: 20.57 ug/ml



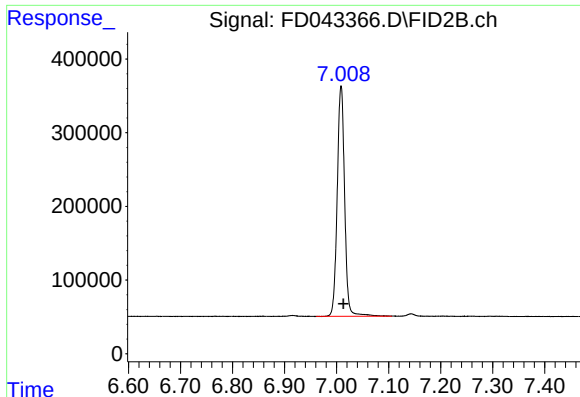
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min  
Delta R.T.: -0.002 min  
Response: 3128516  
Conc: 20.59 ug/ml



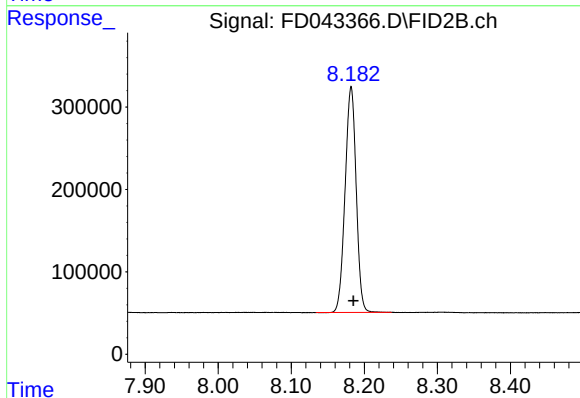
#4 n-Dodecane (C12)

R.T.: 6.391 min  
Delta R.T.: -0.003 min  
Response: 2900356  
Conc: 20.38 ug/ml



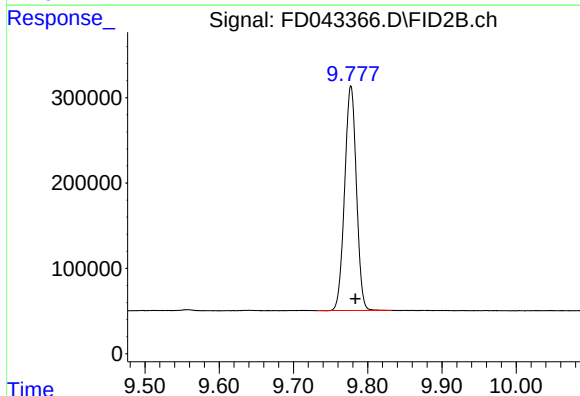
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min  
Delta R.T.: -0.004 min  
Response: 3097874  
Conc: 20.70 ug/ml



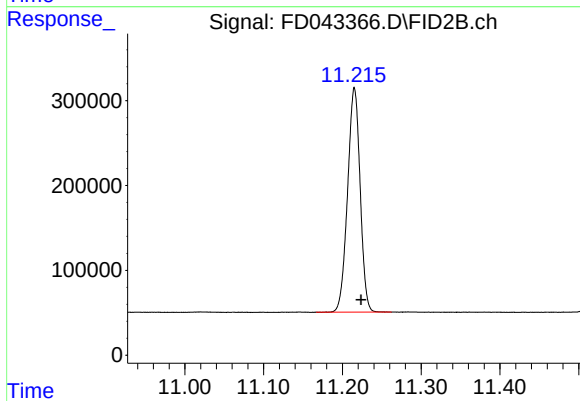
#6 n-Tetradecane (C14)

R.T.: 8.182 min  
Delta R.T.: -0.003 min  
Response: 2885934  
Conc: 20.34 ug/ml



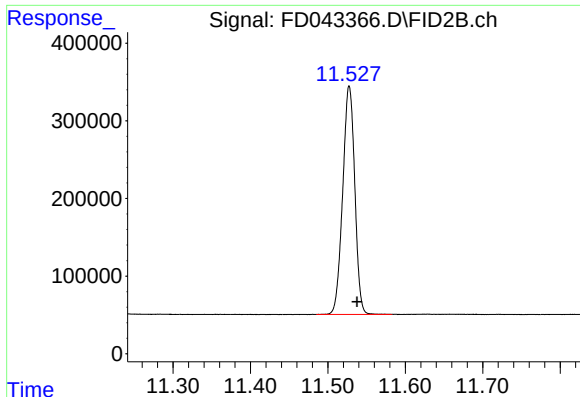
#7 n-Hexadecane (C16)

R.T.: 9.777 min  
Delta R.T.: -0.006 min  
Response: 2902083  
Conc: 20.46 ug/ml



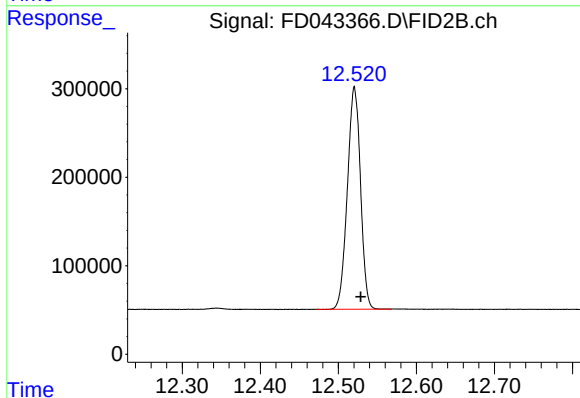
#8 n-Octadecane (C18)

R.T.: 11.215 min  
Delta R.T.: -0.008 min  
Response: 2934905  
Conc: 20.53 ug/ml



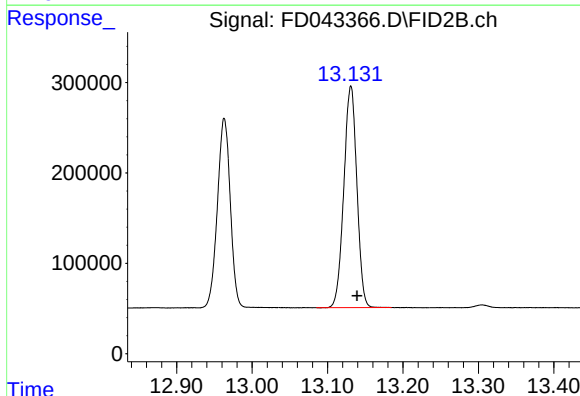
#9 ortho-Terphenyl (SURR)

R.T.: 11.528 min  
Delta R.T.: -0.010 min  
Response: 3183512  
Conc: 20.11 ug/ml



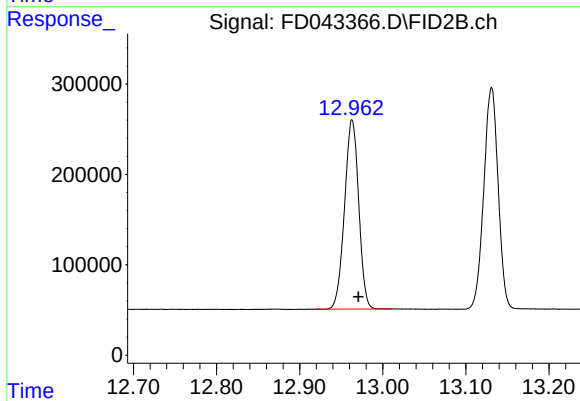
#10 n-Eicosane (C20)

R.T.: 12.521 min  
Delta R.T.: -0.008 min  
Response: 2937725  
Conc: 20.29 ug/ml



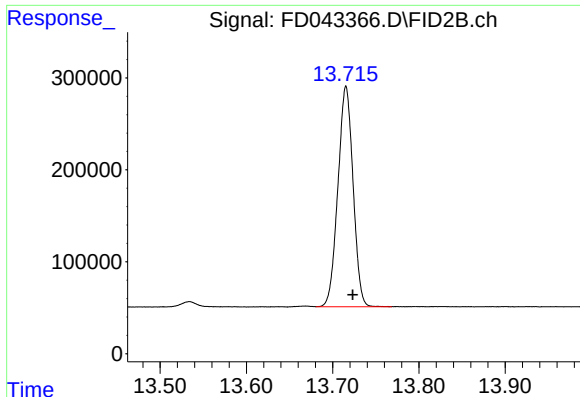
#11 n-Heneicosane (C21)

R.T.: 13.131 min  
Delta R.T.: -0.008 min  
Response: 2949007  
Conc: 20.30 ug/ml



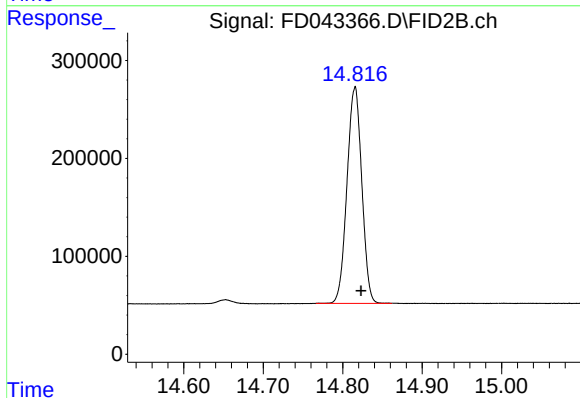
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min  
Delta R.T.: -0.008 min  
Response: 2482396  
Conc: 20.25 ug/ml



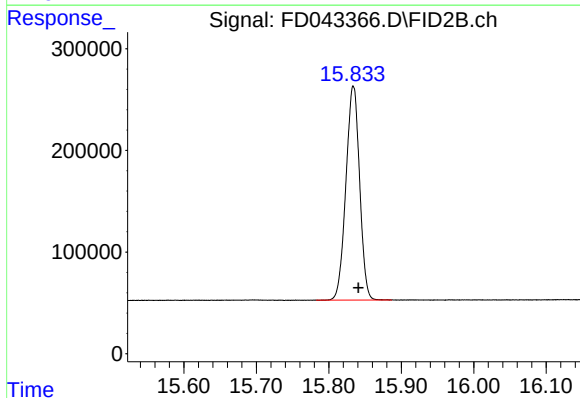
#13 n-Docosane (C22)

R.T.: 13.715 min  
Delta R.T.: -0.008 min  
Response: 2926287  
Conc: 20.17 ug/ml



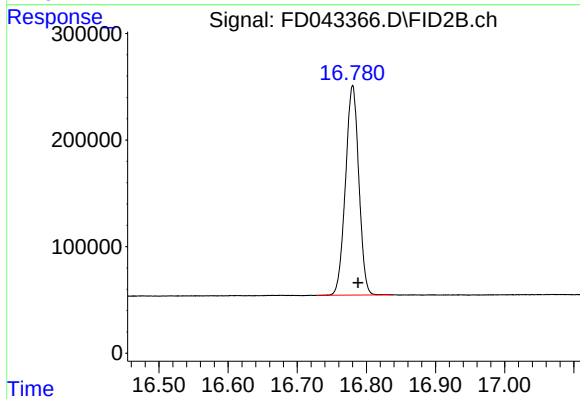
#14 n-Tetracosane (C24)

R.T.: 14.816 min  
Delta R.T.: -0.007 min  
Response: 2853920  
Conc: 19.70 ug/ml



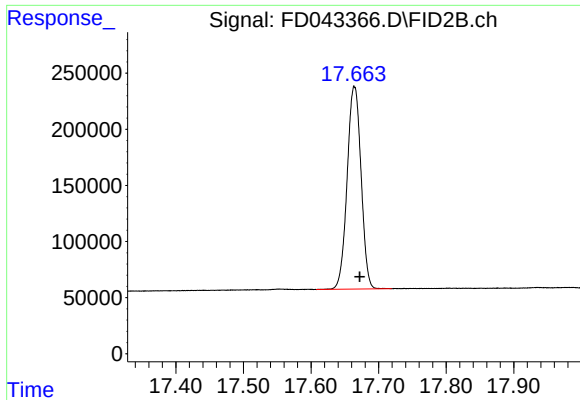
#15 n-Hexacosane (C26)

R.T.: 15.834 min  
Delta R.T.: -0.007 min  
Response: 2762428  
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.780 min  
Delta R.T.: -0.008 min  
Response: 2638847  
Conc: 18.65 ug/ml



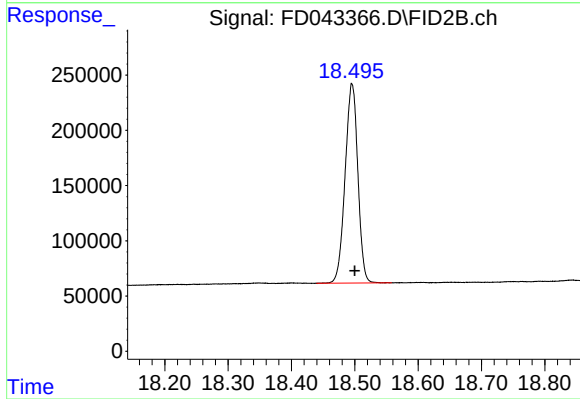
#17 n-Tricontane (C30)

R.T.: 17.664 min

Delta R.T.: -0.008 min

Response: 2581481

Conc: 18.29 ug/ml



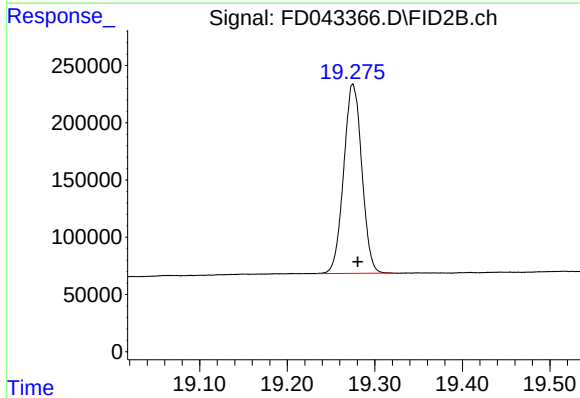
#18 n-Dotriacontane (C32)

R.T.: 18.496 min

Delta R.T.: -0.004 min

Response: 2522715

Conc: 18.24 ug/ml



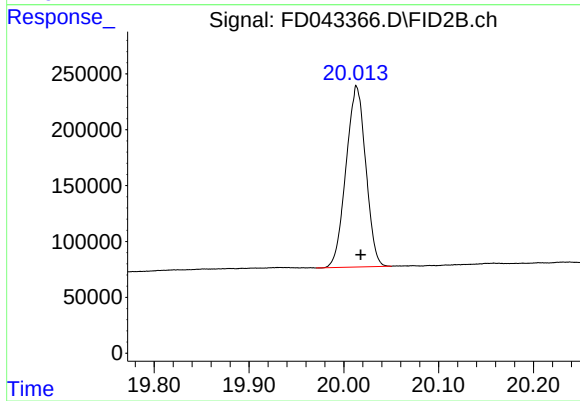
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min

Delta R.T.: -0.006 min

Response: 2381145

Conc: 18.50 ug/ml m



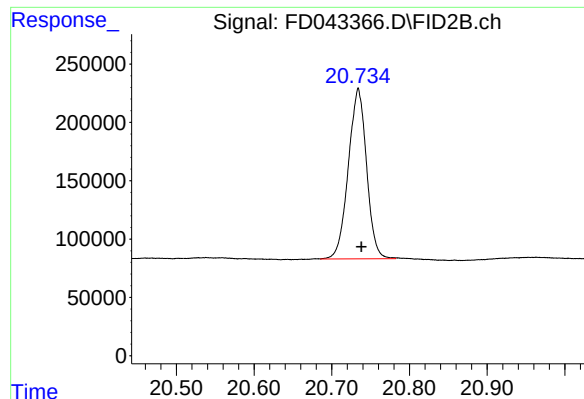
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min

Delta R.T.: -0.004 min

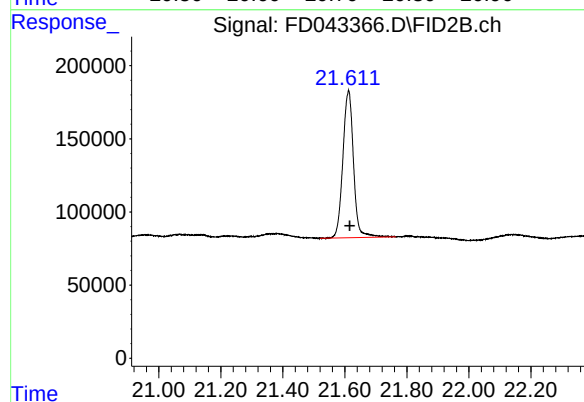
Response: 2340142

Conc: 18.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min  
Delta R.T.: -0.004 min  
Response: 2379268  
Conc: 20.12 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.612 min  
Delta R.T.: -0.004 min  
Response: 2391643  
Conc: 21.15 ug/ml