

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090325AL\  
 Data File : FE055638.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Sep 2025 14:55  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 04 05:10:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 082925.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Aug 29 08:12:09 2025  
 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)    | 12.075 | 3294566    | 20.054 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.11%       |
| 12) S 1-chlorooctadecane (S... | 13.512 | 2508221    | 20.059 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.12%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.412  | 2439288    | 19.222 ug/ml |
| 2) T n-Decane (C10)            | 4.671  | 2512564    | 19.614 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.390  | 2860775    | 19.690 ug/ml |
| 4) T n-Dodecane (C12)          | 6.847  | 2575045    | 19.776 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.491  | 2784907    | 19.800 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.684  | 2615981    | 19.864 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.299 | 2763602    | 19.954 ug/ml |
| 8) T n-Octadecane (C18)        | 11.749 | 2918964    | 20.012 ug/ml |
| 10) T n-Eicosane (C20)         | 13.064 | 2893630    | 20.102 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.678 | 2869783    | 20.090 ug/ml |
| 13) T n-Docosane (C22)         | 14.266 | 2893649    | 20.215 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.373 | 2984722    | 20.627 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.397 | 2899718    | 20.297 ug/ml |
| 16) T n-Octacosane (C28)       | 17.349 | 2920290    | 20.531 ug/ml |
| 17) T n-Tricontane (C30)       | 18.240 | 3021191    | 20.438 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.074 | 3022911    | 20.595 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.860 | 2908058    | 20.583 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.601 | 2712778    | 20.558 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.379 | 2670905    | 20.508 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.366 | 2589351    | 20.191 ug/ml |
| -----                          |        |            |              |

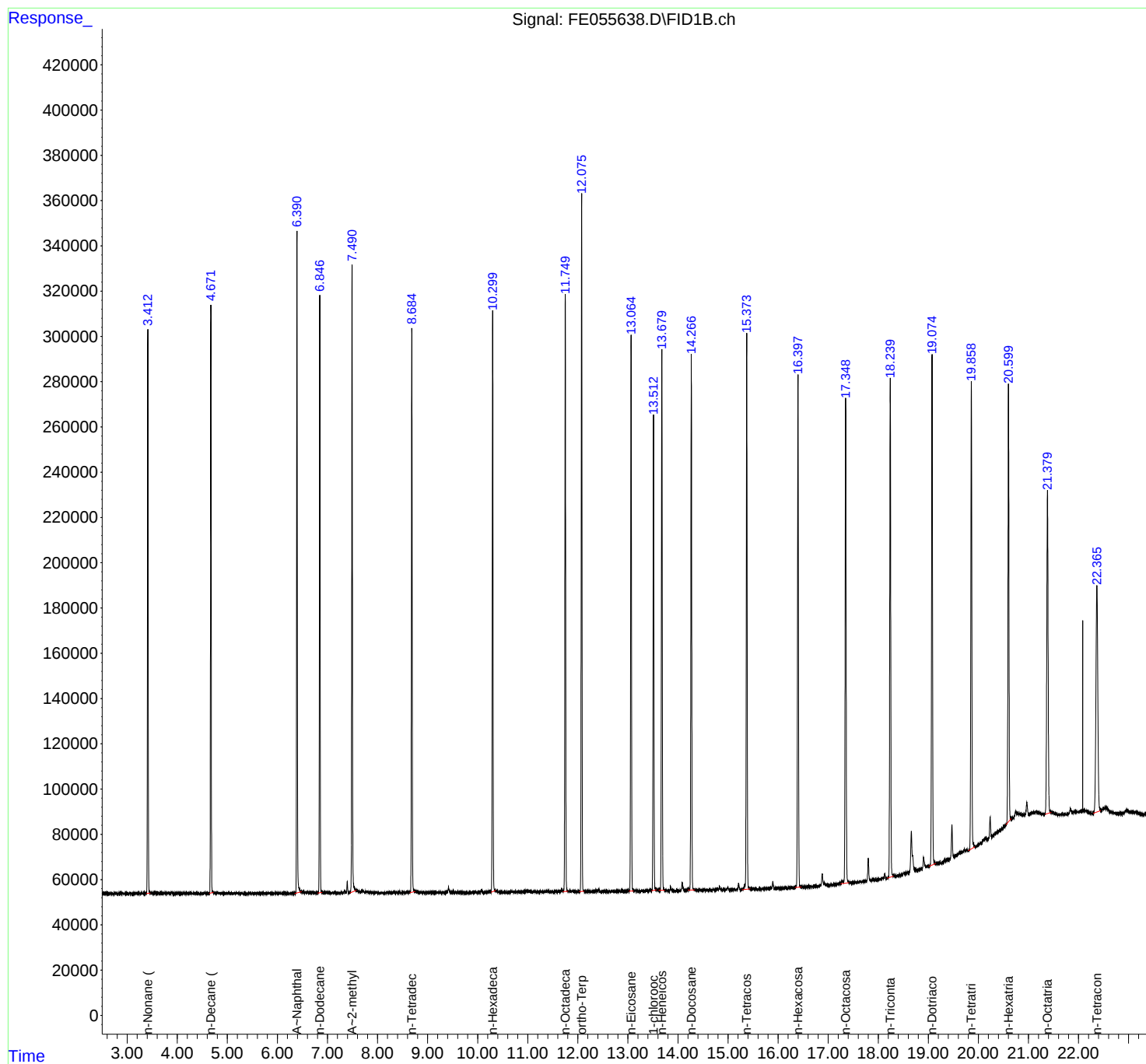
(f)=RT Delta > 1/2 Window

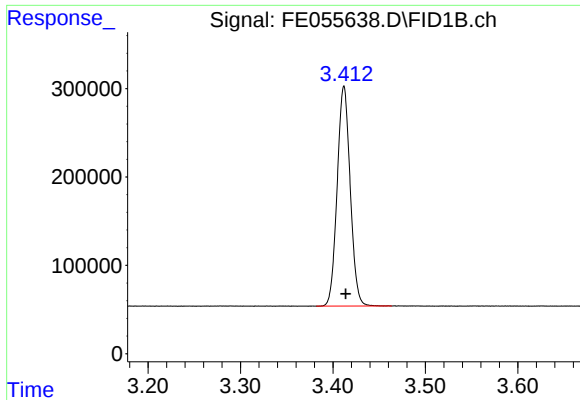
(m)=manual int.

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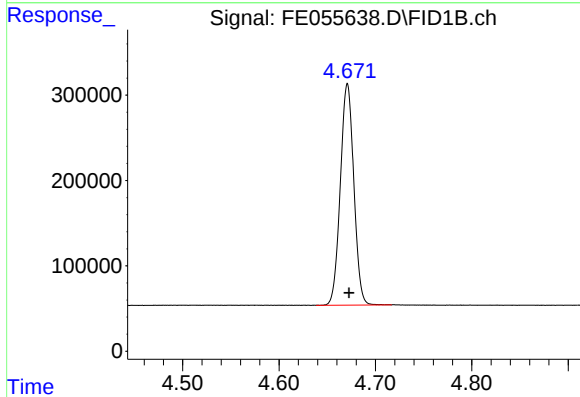
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





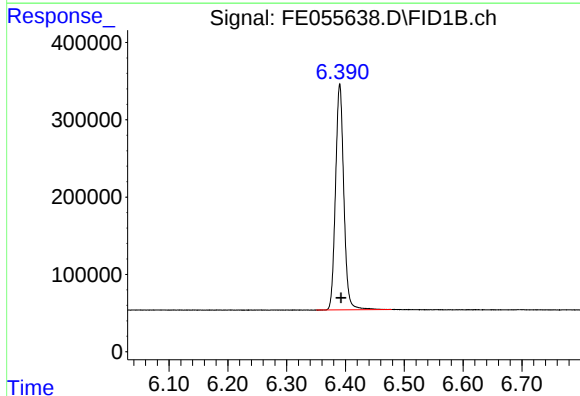
#1 n-Nonane (C9)

R.T.: 3.412 min  
Delta R.T.: -0.002 min  
Response: 2439288  
Conc: 19.22 ug/ml



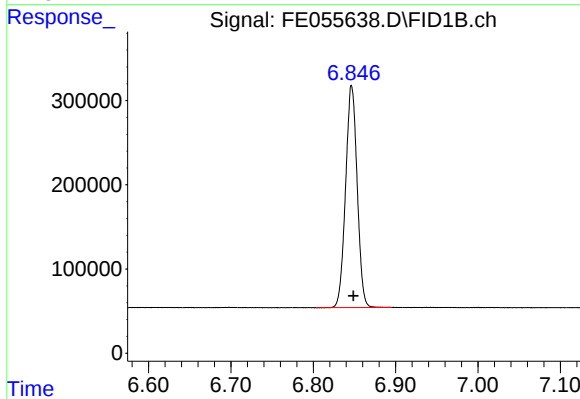
#2 n-Decane (C10)

R.T.: 4.671 min  
Delta R.T.: -0.002 min  
Response: 2512564  
Conc: 19.61 ug/ml



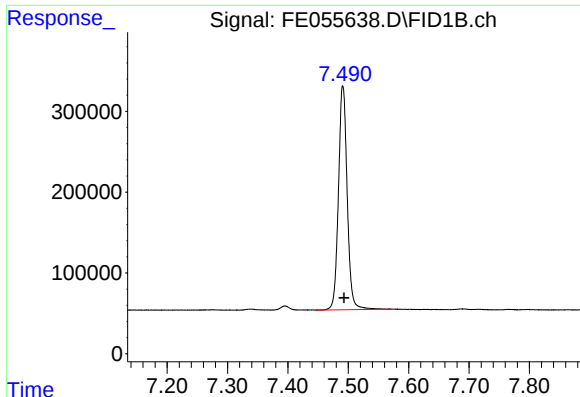
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min  
Delta R.T.: -0.002 min  
Response: 2860775  
Conc: 19.69 ug/ml



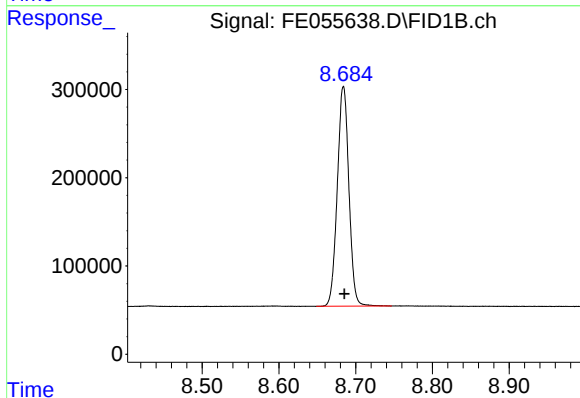
#4 n-Dodecane (C12)

R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 2575045  
Conc: 19.78 ug/ml



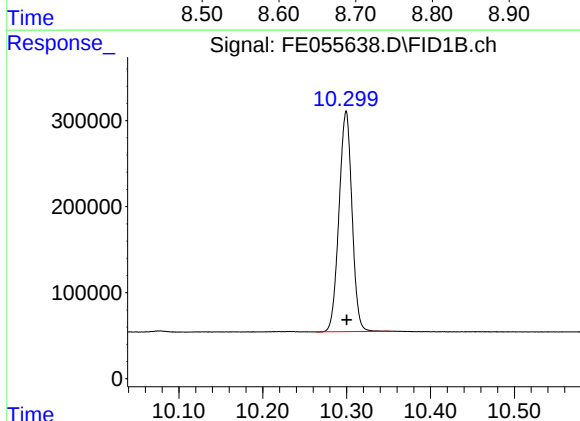
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.491 min  
Delta R.T.: -0.002 min  
Response: 2784907  
Conc: 19.80 ug/ml



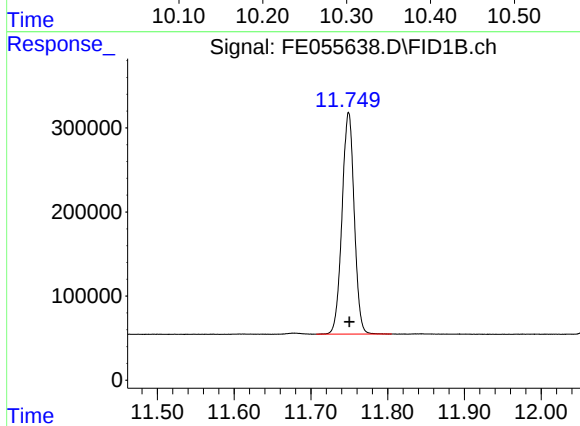
#6 n-Tetradecane (C14)

R.T.: 8.684 min  
Delta R.T.: -0.001 min  
Response: 2615981  
Conc: 19.86 ug/ml



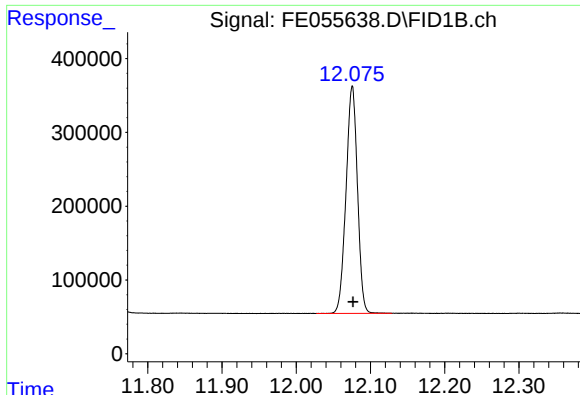
#7 n-Hexadecane (C16)

R.T.: 10.299 min  
Delta R.T.: -0.001 min  
Response: 2763602  
Conc: 19.95 ug/ml



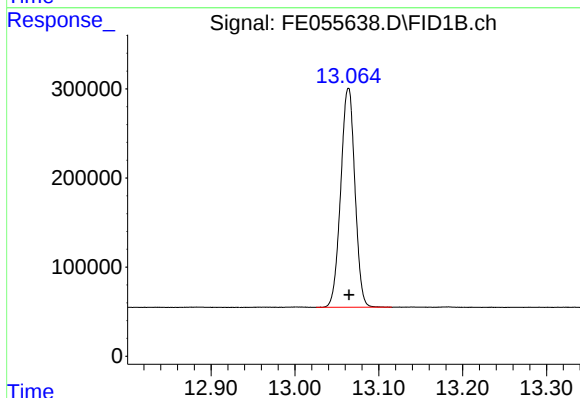
#8 n-Octadecane (C18)

R.T.: 11.749 min  
Delta R.T.: -0.001 min  
Response: 2918964  
Conc: 20.01 ug/ml



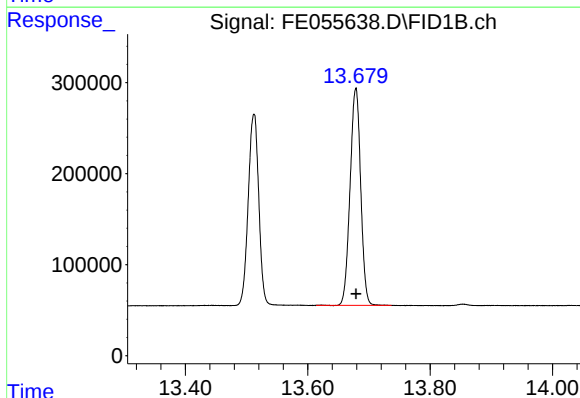
#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min  
Delta R.T.: -0.001 min  
Response: 3294566  
Conc: 20.05 ug/ml



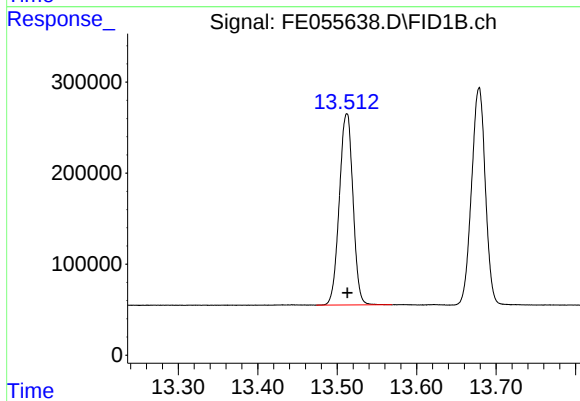
#10 n-Eicosane (C20)

R.T.: 13.064 min  
Delta R.T.: 0.000 min  
Response: 2893630  
Conc: 20.10 ug/ml



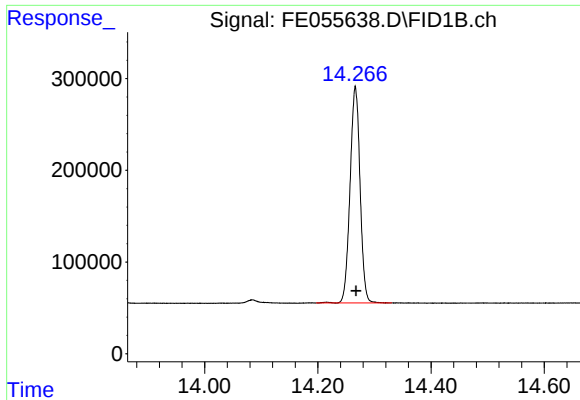
#11 n-Heneicosane (C21)

R.T.: 13.678 min  
Delta R.T.: 0.000 min  
Response: 2869783  
Conc: 20.09 ug/ml



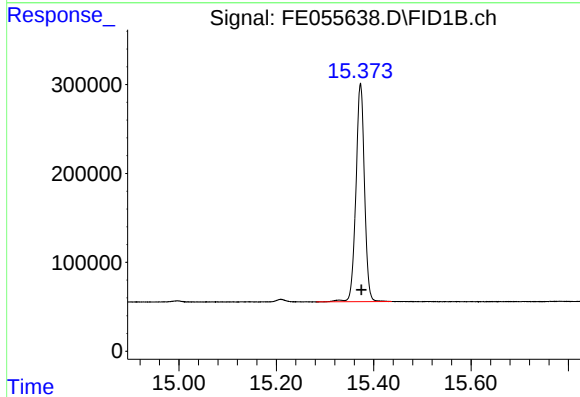
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min  
Delta R.T.: 0.000 min  
Response: 2508221  
Conc: 20.06 ug/ml



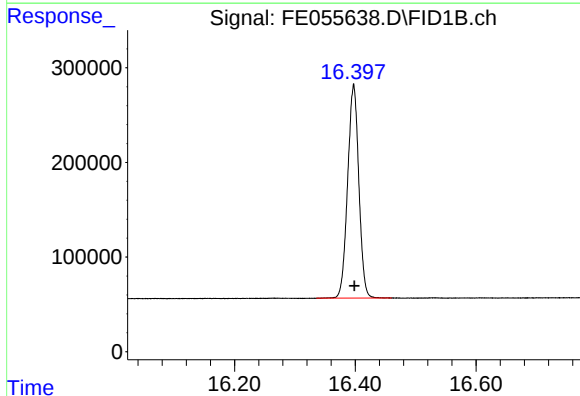
#13 n-Docosane (C22)

R.T.: 14.266 min  
Delta R.T.: -0.001 min  
Response: 2893649  
Conc: 20.21 ug/ml



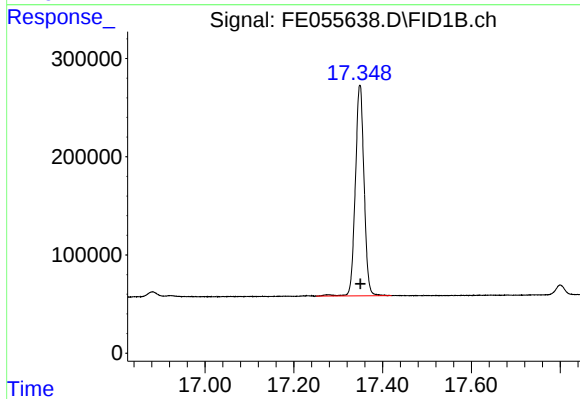
#14 n-Tetracosane (C24)

R.T.: 15.373 min  
Delta R.T.: -0.002 min  
Response: 2984722  
Conc: 20.63 ug/ml



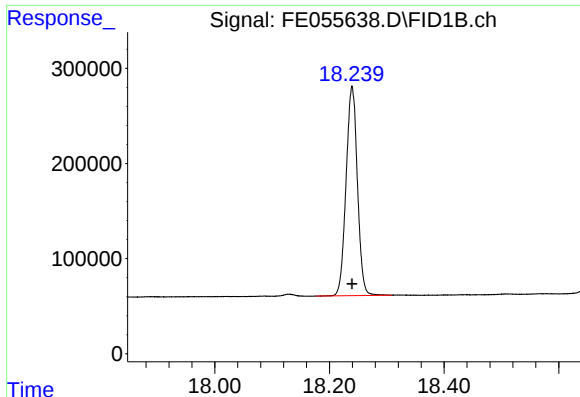
#15 n-Hexacosane (C26)

R.T.: 16.397 min  
Delta R.T.: -0.001 min  
Response: 2899718  
Conc: 20.30 ug/ml



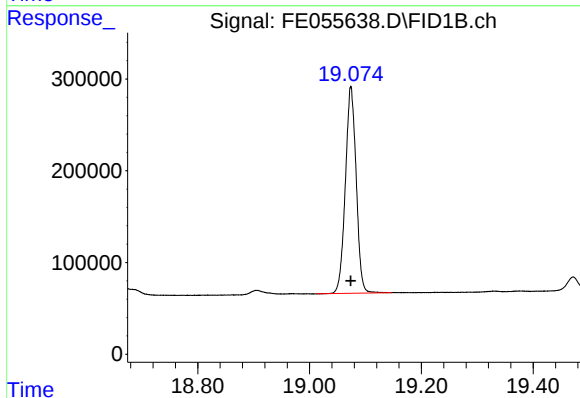
#16 n-Octacosane (C28)

R.T.: 17.349 min  
Delta R.T.: -0.001 min  
Response: 2920290  
Conc: 20.53 ug/ml



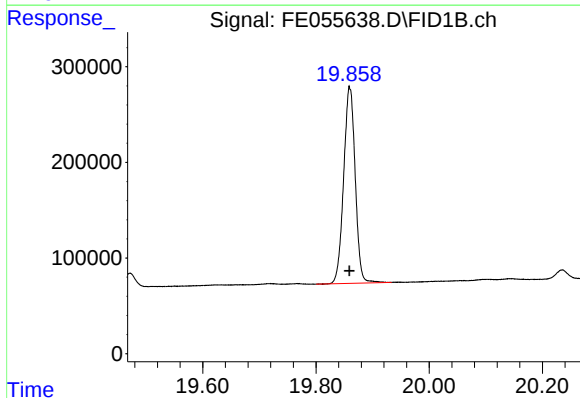
#17 n-Tricontane (C30)

R.T.: 18.240 min  
Delta R.T.: 0.000 min  
Response: 3021191  
Conc: 20.44 ug/ml



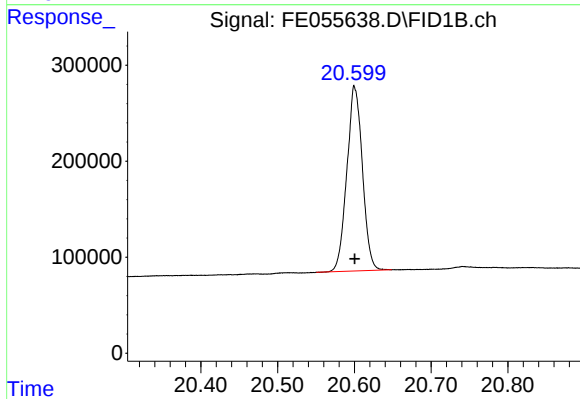
#18 n-Dotriacontane (C32)

R.T.: 19.074 min  
Delta R.T.: 0.000 min  
Response: 3022911  
Conc: 20.60 ug/ml



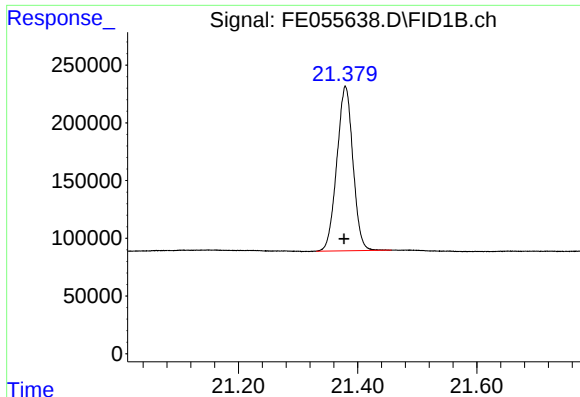
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min  
Delta R.T.: 0.000 min  
Response: 2908058  
Conc: 20.58 ug/ml



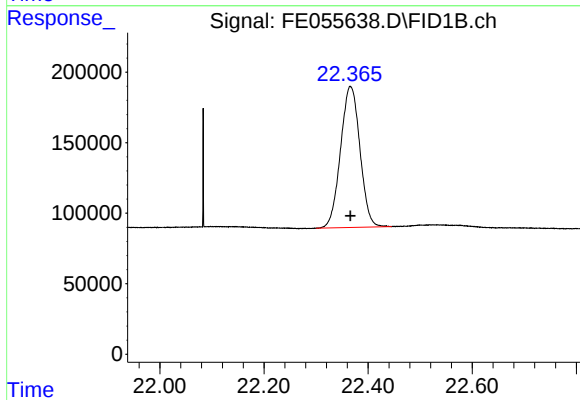
#20 n-Hexatriacontane (C36)

R.T.: 20.601 min  
Delta R.T.: 0.000 min  
Response: 2712778  
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min  
Delta R.T.: 0.002 min  
Response: 2670905  
Conc: 20.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.366 min  
Delta R.T.: 0.000 min  
Response: 2589351  
Conc: 20.19 ug/ml