

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020624AL\  
 Data File : FC065643.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Feb 2024 07:59  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 06 09:55:36 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 08 15:12:33 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)    | 11.490 | 3598801    | 19.790 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.58%       |
| 12) S 1-chlorooctadecane (S... | 12.921 | 2677465    | 19.863 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.73%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.283  | 3157482    | 20.213 ug/ml |
| 2) T n-Decane (C10)            | 4.345  | 3224067    | 20.380 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.932  | 3270407    | 19.556 ug/ml |
| 4) T n-Dodecane (C12)          | 6.358  | 3263160    | 20.339 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.987  | 3121594    | 20.229 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.147  | 3172796    | 20.229 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.741  | 3222840    | 20.152 ug/ml |
| 8) T n-Octadecane (C18)        | 11.177 | 3266564    | 19.944 ug/ml |
| 10) T n-Eicosane (C20)         | 12.478 | 3159649    | 19.837 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.087 | 3137227    | 19.996 ug/ml |
| 13) T n-Docosane (C22)         | 13.671 | 3127178    | 20.029 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.768 | 3127448    | 20.121 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.784 | 3120244    | 20.325 ug/ml |
| 16) T n-Octacosane (C28)       | 16.728 | 3096935    | 20.547 ug/ml |
| 17) T n-Tricontane (C30)       | 17.613 | 3168652    | 20.747 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.440 | 3125711    | 20.759 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.220 | 3051034    | 21.249 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.955 | 2950928    | 21.421 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.674 | 2937870    | 21.235 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.544 | 2908177    | 21.017 ug/ml |
| -----                          |        |            |              |

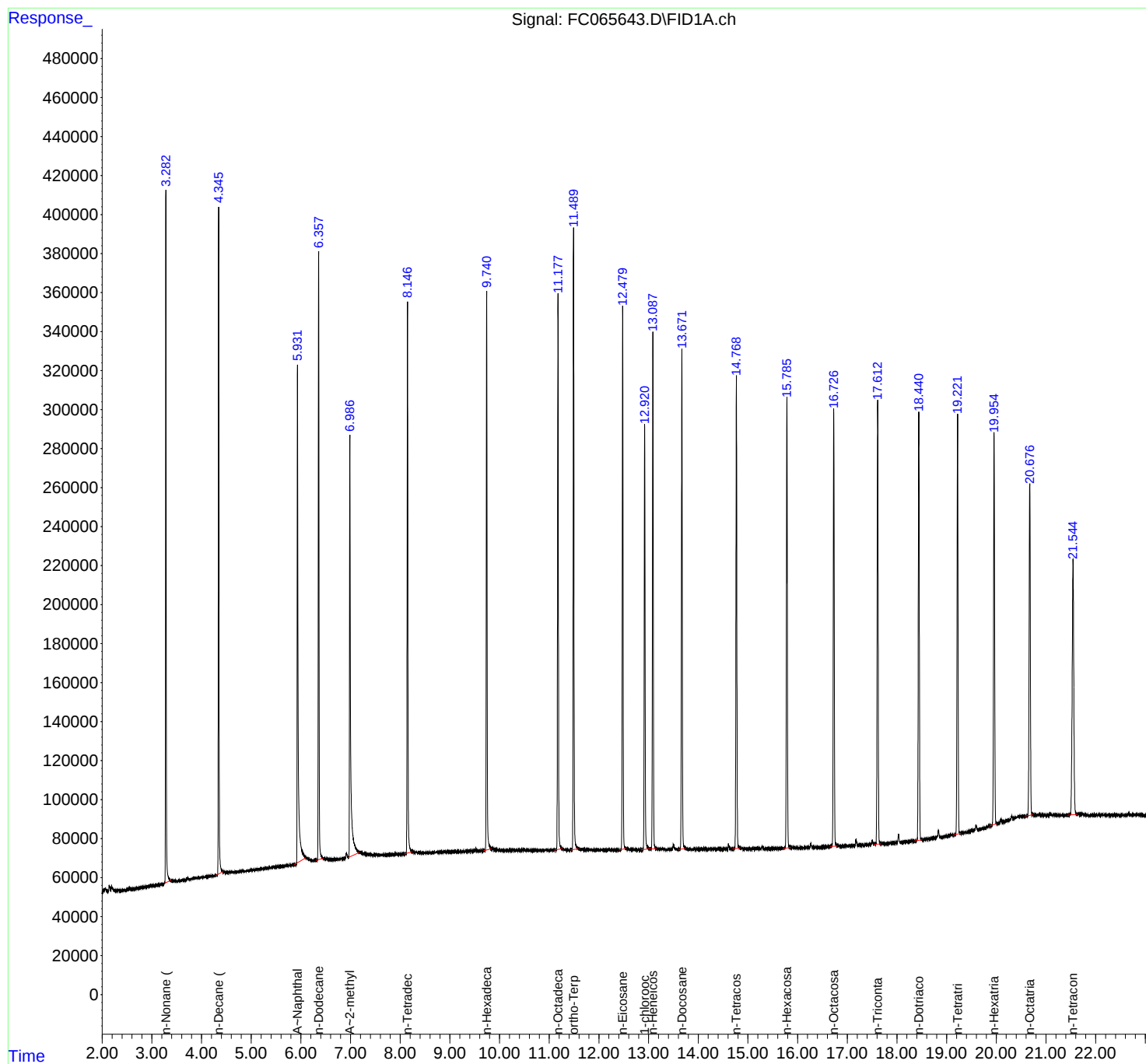
(f)=RT Delta > 1/2 Window

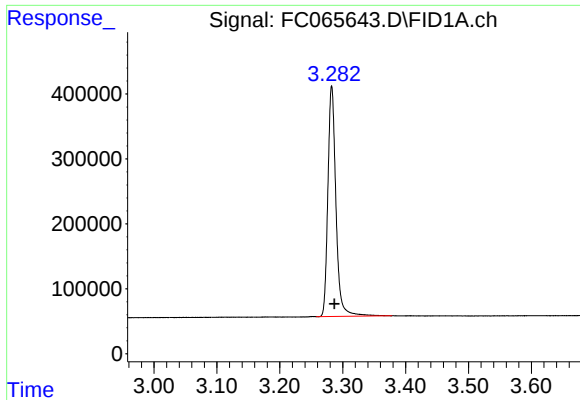
(m)=manual int.

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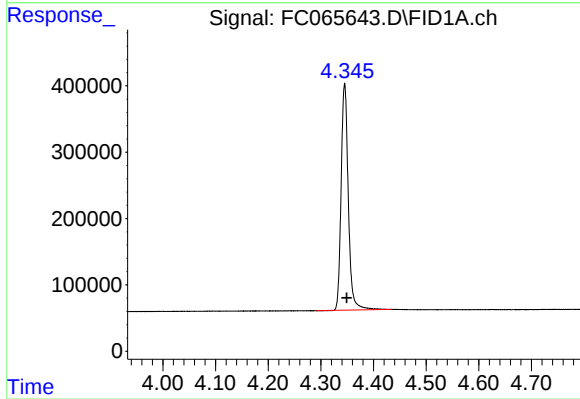
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





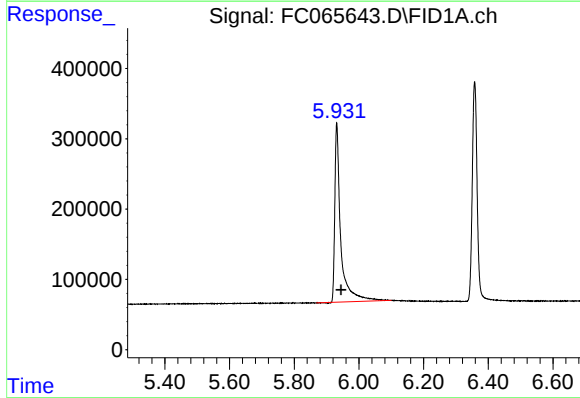
#1 n-Nonane (C9)

R.T.: 3.283 min  
Delta R.T.: -0.004 min  
Response: 3157482  
Conc: 20.21 ug/ml



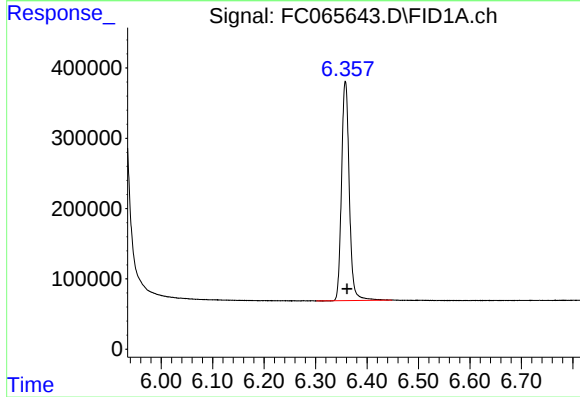
#2 n-Decane (C10)

R.T.: 4.345 min  
Delta R.T.: -0.004 min  
Response: 3224067  
Conc: 20.38 ug/ml



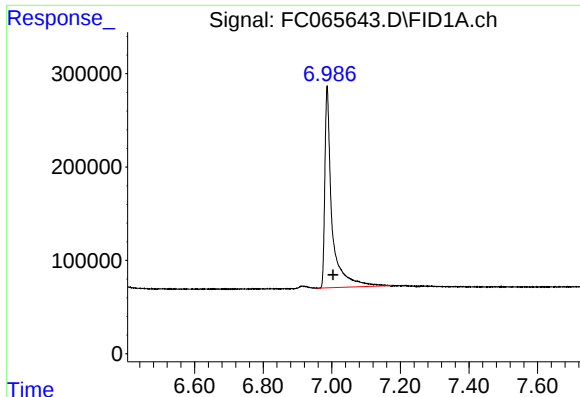
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min  
Delta R.T.: -0.013 min  
Response: 3270407  
Conc: 19.56 ug/ml



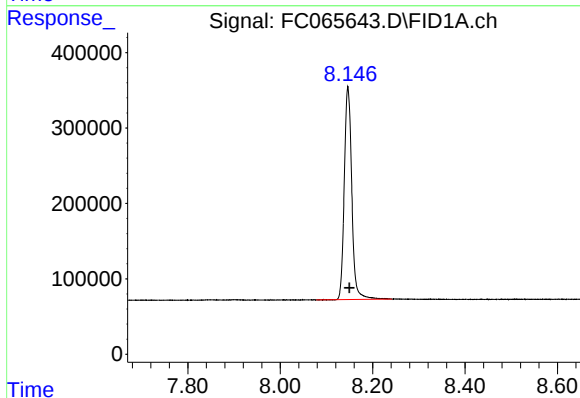
#4 n-Dodecane (C12)

R.T.: 6.358 min  
Delta R.T.: -0.003 min  
Response: 3263160  
Conc: 20.34 ug/ml



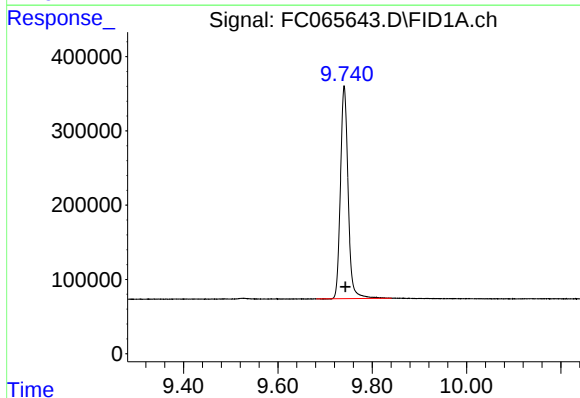
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min  
Delta R.T.: -0.017 min  
Response: 3121594  
Conc: 20.23 ug/ml



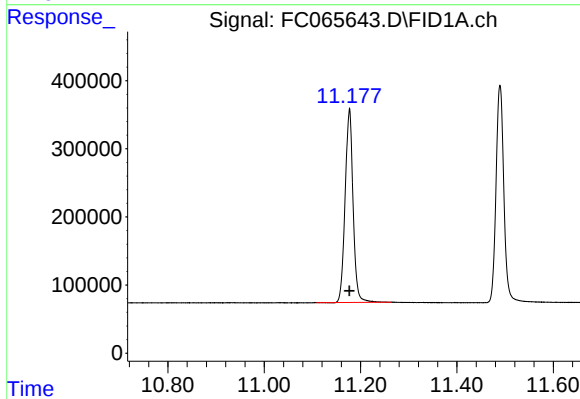
#6 n-Tetradecane (C14)

R.T.: 8.147 min  
Delta R.T.: -0.003 min  
Response: 3172796  
Conc: 20.23 ug/ml



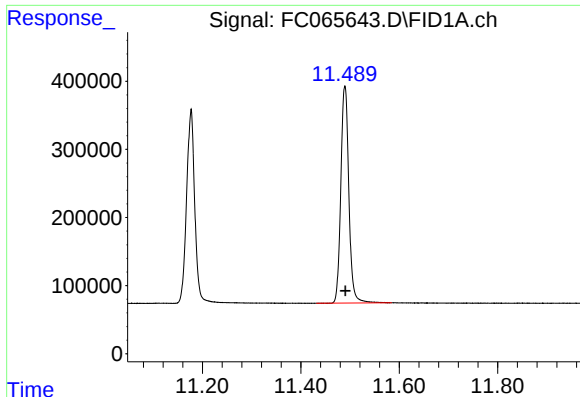
#7 n-Hexadecane (C16)

R.T.: 9.741 min  
Delta R.T.: -0.003 min  
Response: 3222840  
Conc: 20.15 ug/ml



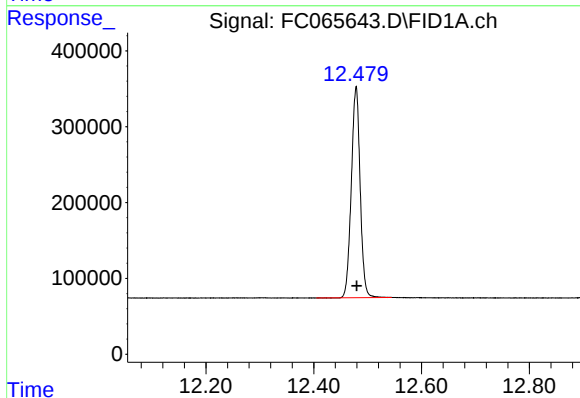
#8 n-Octadecane (C18)

R.T.: 11.177 min  
Delta R.T.: 0.000 min  
Response: 3266564  
Conc: 19.94 ug/ml



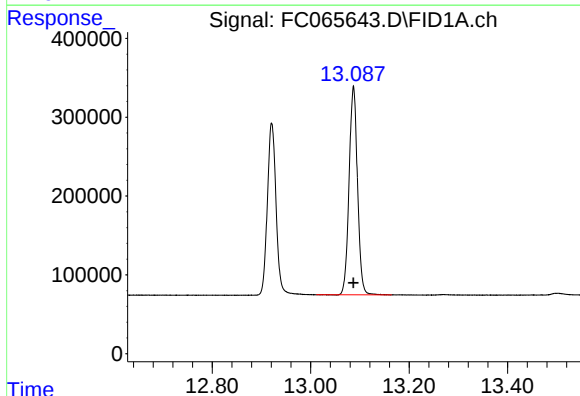
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min  
Delta R.T.: -0.001 min  
Response: 3598801  
Conc: 19.79 ug/ml



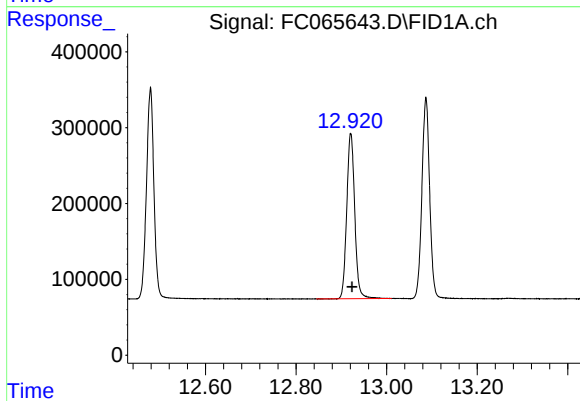
#10 n-Eicosane (C20)

R.T.: 12.478 min  
Delta R.T.: -0.002 min  
Response: 3159649  
Conc: 19.84 ug/ml



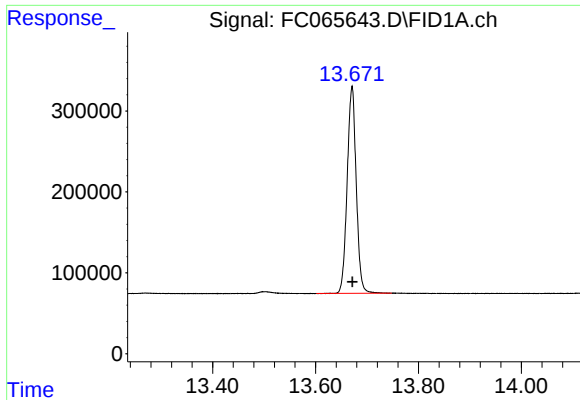
#11 n-Heneicosane (C21)

R.T.: 13.087 min  
Delta R.T.: 0.000 min  
Response: 3137227  
Conc: 20.00 ug/ml



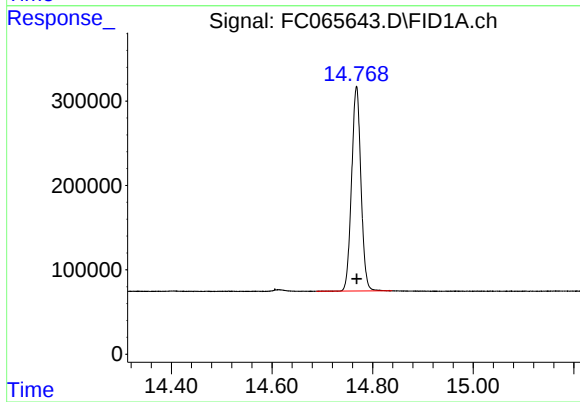
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min  
Delta R.T.: -0.003 min  
Response: 2677465  
Conc: 19.86 ug/ml



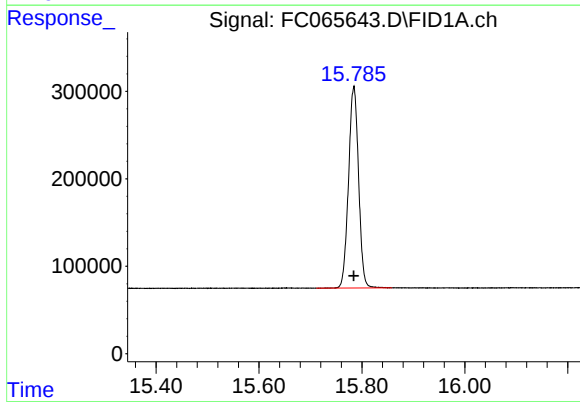
#13 n-Docosane (C22)

R.T.: 13.671 min  
Delta R.T.: 0.000 min  
Response: 3127178  
Conc: 20.03 ug/ml



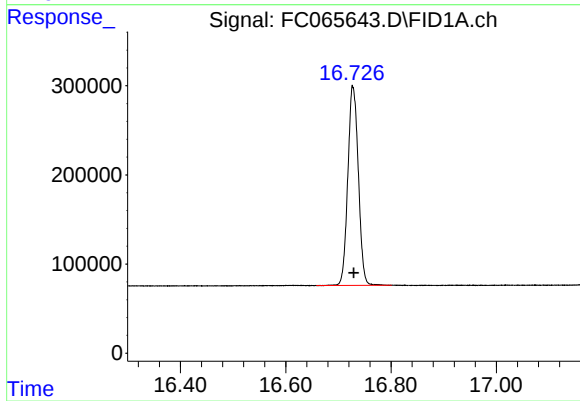
#14 n-Tetracosane (C24)

R.T.: 14.768 min  
Delta R.T.: 0.000 min  
Response: 3127448  
Conc: 20.12 ug/ml



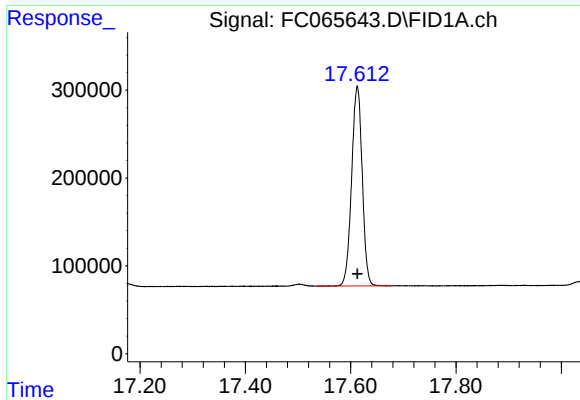
#15 n-Hexacosane (C26)

R.T.: 15.784 min  
Delta R.T.: 0.000 min  
Response: 3120244  
Conc: 20.33 ug/ml



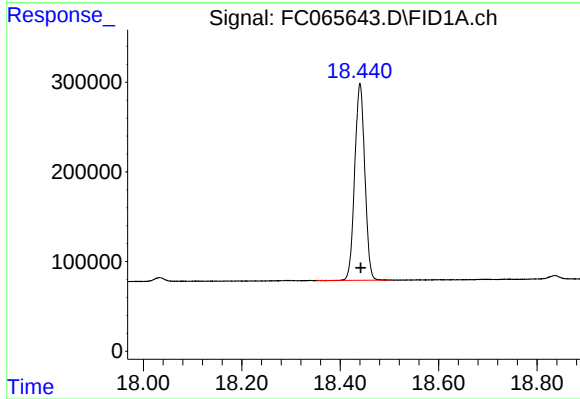
#16 n-Octacosane (C28)

R.T.: 16.728 min  
Delta R.T.: -0.001 min  
Response: 3096935  
Conc: 20.55 ug/ml



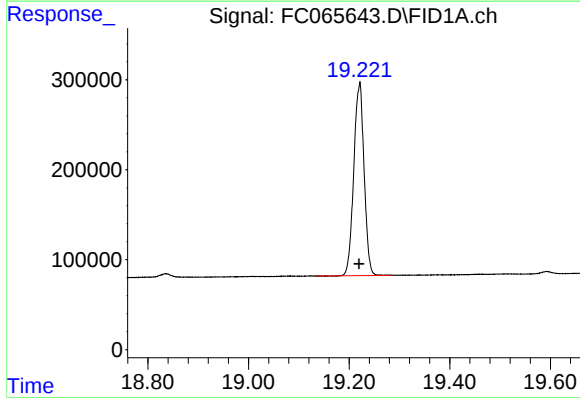
#17 n-Tricontane (C30)

R.T.: 17.613 min  
Delta R.T.: 0.000 min  
Response: 3168652  
Conc: 20.75 ug/ml



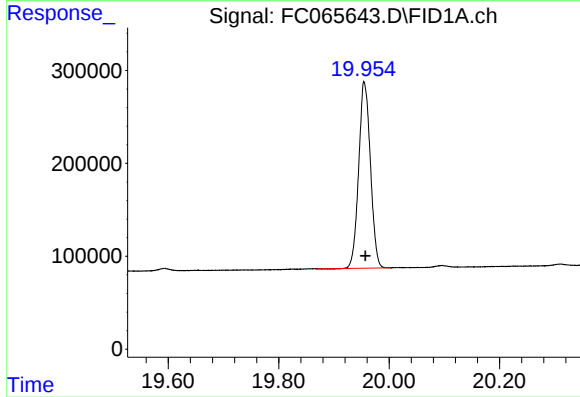
#18 n-Dotriacontane (C32)

R.T.: 18.440 min  
Delta R.T.: -0.002 min  
Response: 3125711  
Conc: 20.76 ug/ml



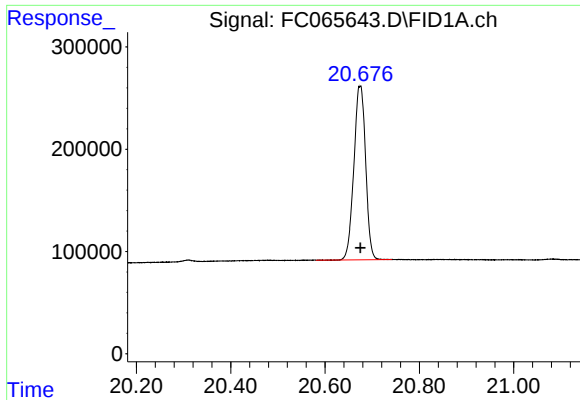
#19 n-Tetratriacontane (C34)

R.T.: 19.220 min  
Delta R.T.: 0.000 min  
Response: 3051034  
Conc: 21.25 ug/ml



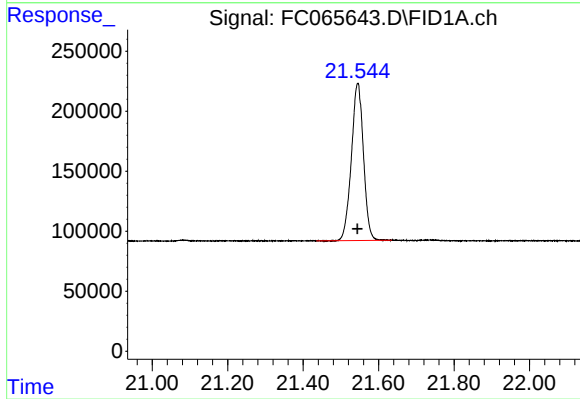
#20 n-Hexatriacontane (C36)

R.T.: 19.955 min  
Delta R.T.: -0.002 min  
Response: 2950928  
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.674 min  
Delta R.T.: 0.000 min  
Response: 2937870  
Conc: 21.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.544 min  
Delta R.T.: 0.001 min  
Response: 2908177  
Conc: 21.02 ug/ml