

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F112423AL\  
 Data File : FC065292.D  
 Signal(s) : FID1A.ch  
 Acq On : 24 Nov 2023 10:18  
 Operator : YP/AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 24 12:10:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 112423.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 24 12:07:45 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)    | 11.515 | 21453500   | 95.684 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 191.37%       |
| 12) S 1-chlorooctadecane (S... | 12.943 | 15502646   | 96.099 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 192.20%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.308  | 18684465   | 96.303 ug/ml  |
| 2) T n-Decane (C10)            | 4.370  | 18914339   | 96.538 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.949  | 20385838   | 100.060 ug/ml |
| 4) T n-Dodecane (C12)          | 6.381  | 19074606   | 96.373 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.004  | 19791834   | 99.036 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.170  | 18640643   | 96.357 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.765  | 18607602   | 96.344 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.200 | 18476717   | 95.678 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.502 | 17484954   | 95.619 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.110 | 17036038   | 95.539 ug/ml  |
| 13) T n-Docosane (C22)         | 13.695 | 16625040   | 95.532 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.792 | 15955661   | 95.451 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.808 | 15281840   | 95.503 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.753 | 14645022   | 95.465 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.637 | 14511779   | 95.313 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.465 | 14297233   | 95.211 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.244 | 14025625   | 95.297 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.981 | 13971057   | 95.144 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.700 | 13811863   | 94.983 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.578 | 13705775   | 94.780 ug/ml  |
| -----                          |        |            |               |

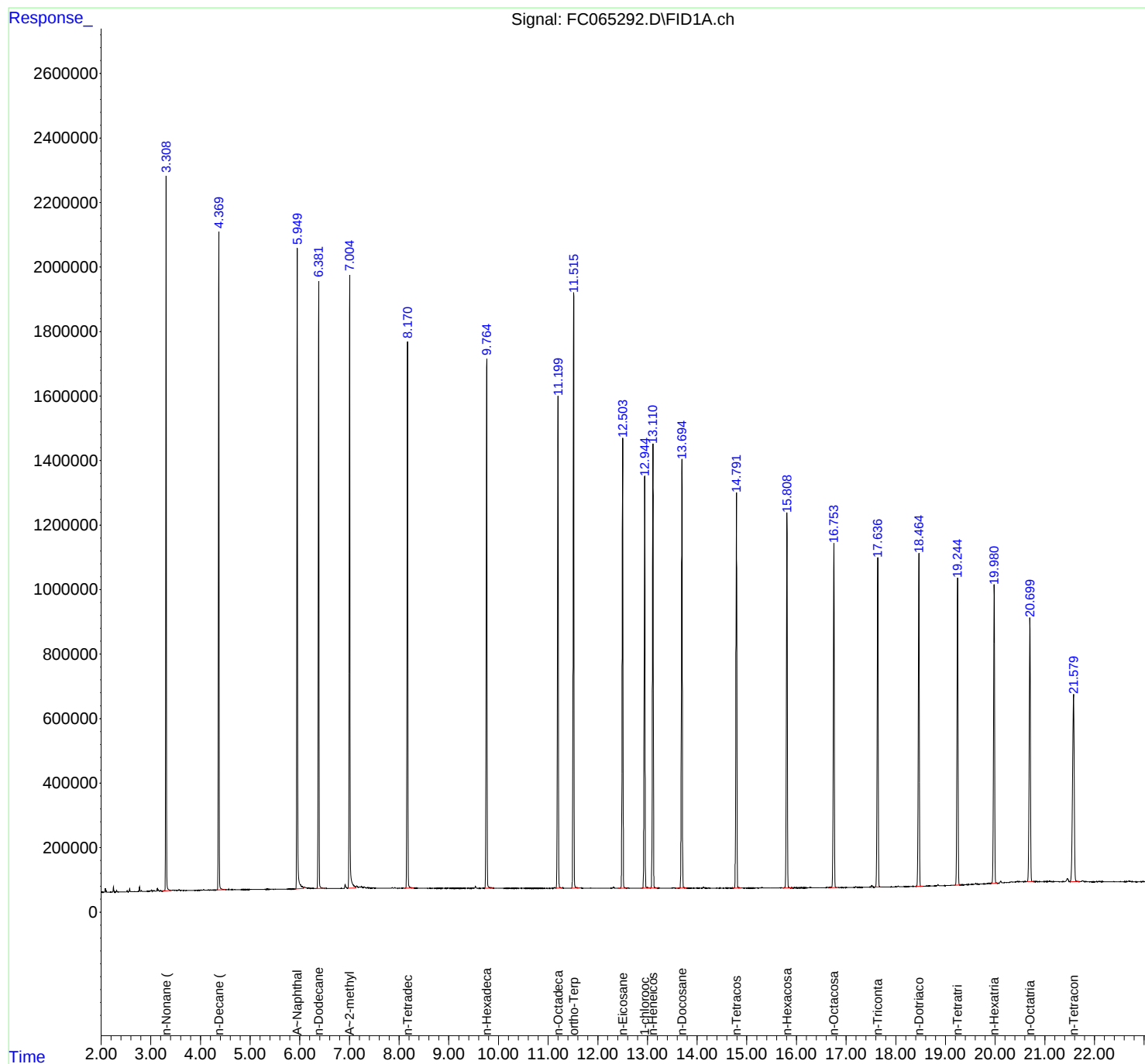
(f)=RT Delta > 1/2 Window

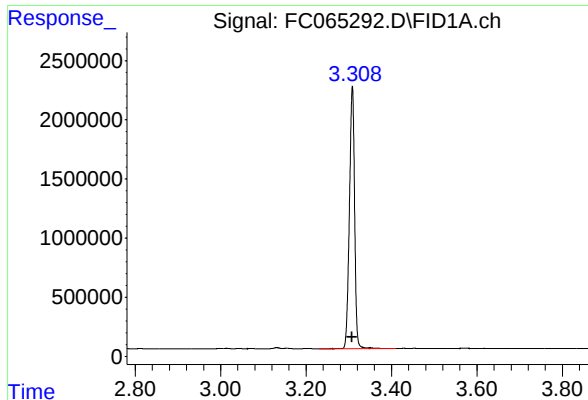
(m)=manual int.

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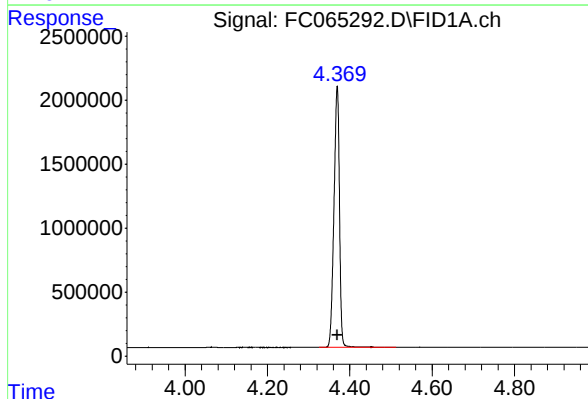
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





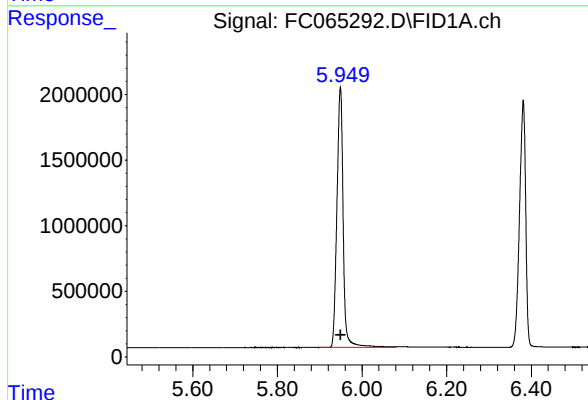
#1 n-Nonane (C9)

R.T.: 3.308 min  
Delta R.T.: 0.000 min  
Response: 18684465  
Conc: 96.30 ug/ml



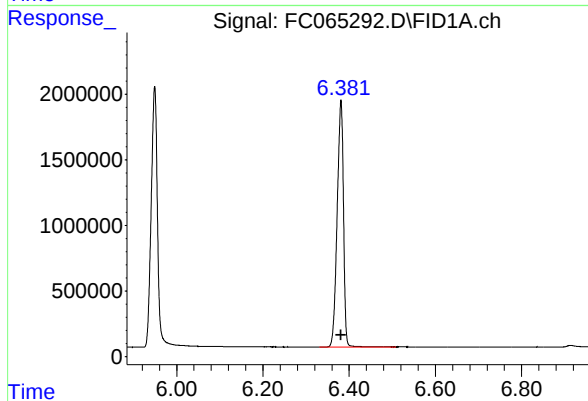
#2 n-Decane (C10)

R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 18914339  
Conc: 96.54 ug/ml



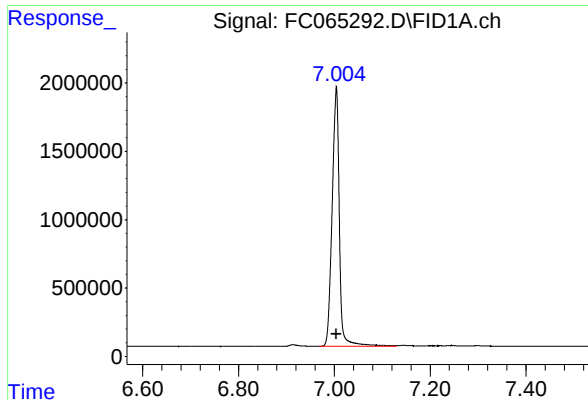
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 20385838  
Conc: 100.06 ug/ml



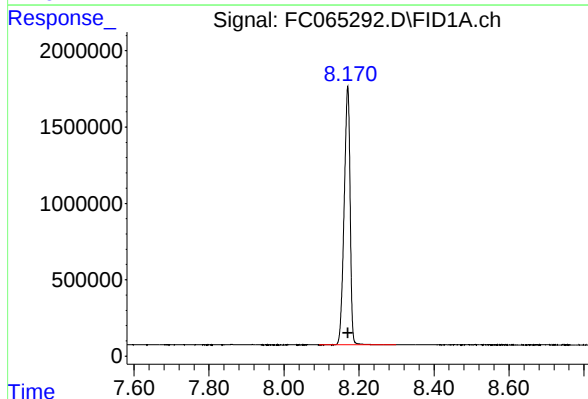
#4 n-Dodecane (C12)

R.T.: 6.381 min  
Delta R.T.: 0.000 min  
Response: 19074606  
Conc: 96.37 ug/ml



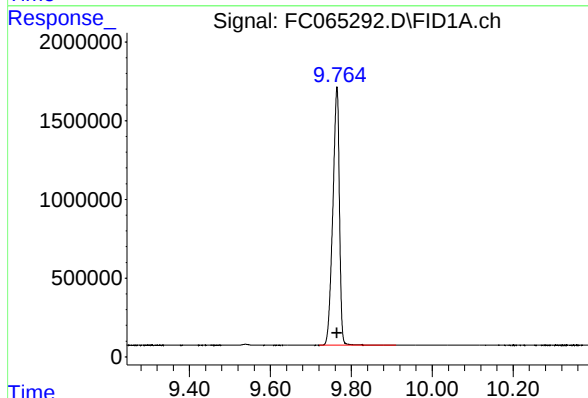
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 19791834  
Conc: 99.04 ug/ml



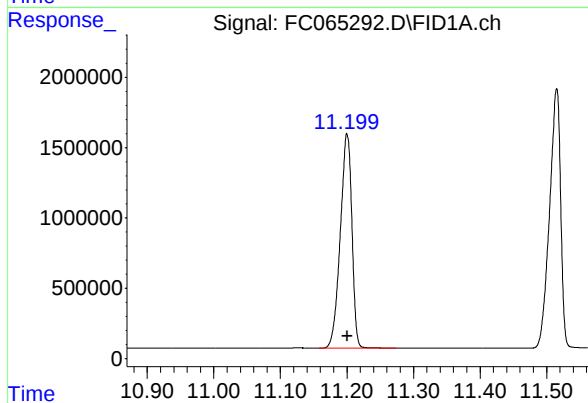
#6 n-Tetradecane (C14)

R.T.: 8.170 min  
Delta R.T.: 0.000 min  
Response: 18640643  
Conc: 96.36 ug/ml



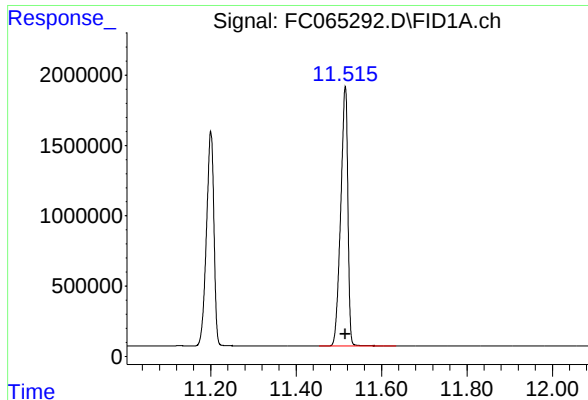
#7 n-Hexadecane (C16)

R.T.: 9.765 min  
Delta R.T.: 0.000 min  
Response: 18607602  
Conc: 96.34 ug/ml



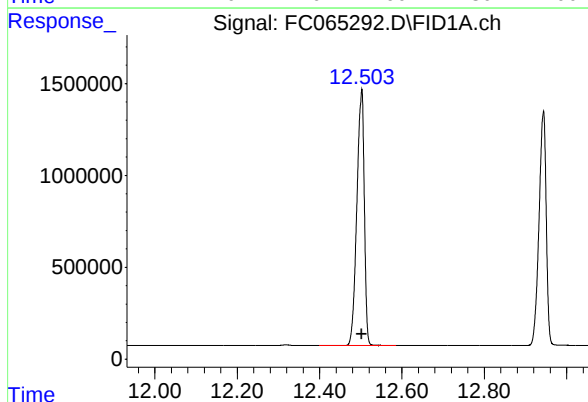
#8 n-Octadecane (C18)

R.T.: 11.200 min  
Delta R.T.: 0.000 min  
Response: 18476717  
Conc: 95.68 ug/ml



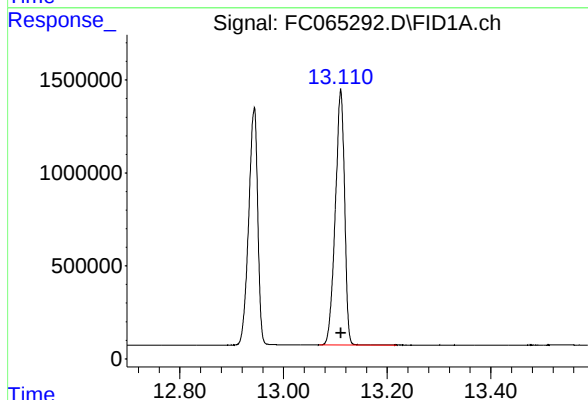
#9 ortho-Terphenyl (SURR)

R.T.: 11.515 min  
Delta R.T.: 0.000 min  
Response: 21453500  
Conc: 95.68 ug/ml



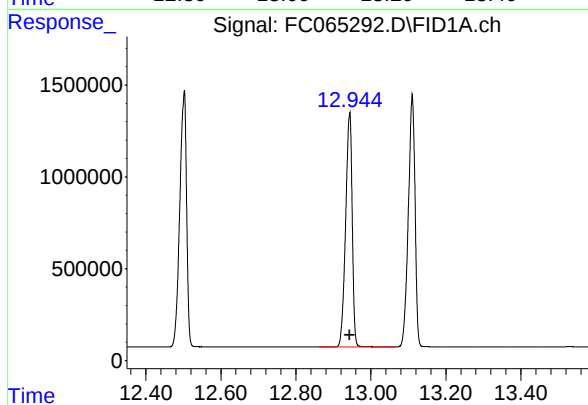
#10 n-Eicosane (C20)

R.T.: 12.502 min  
Delta R.T.: 0.000 min  
Response: 17484954  
Conc: 95.62 ug/ml



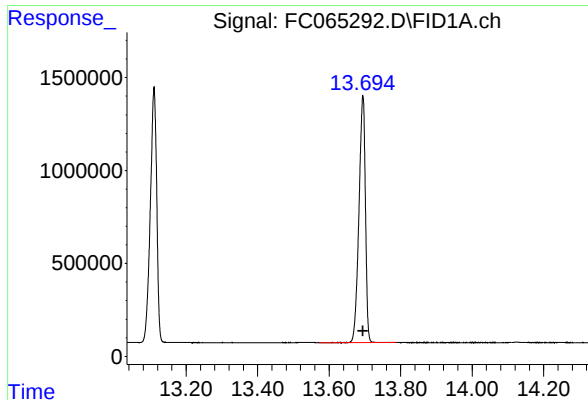
#11 n-Heneicosane (C21)

R.T.: 13.110 min  
Delta R.T.: 0.000 min  
Response: 17036038  
Conc: 95.54 ug/ml



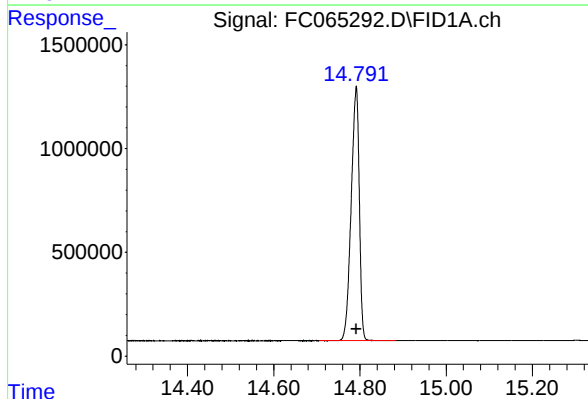
#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min  
Delta R.T.: 0.000 min  
Response: 15502646  
Conc: 96.10 ug/ml



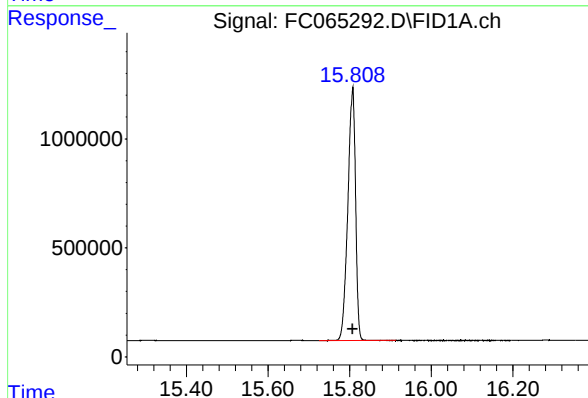
#13 n-Docosane (C22)

R.T.: 13.695 min  
Delta R.T.: 0.000 min  
Response: 16625040  
Conc: 95.53 ug/ml



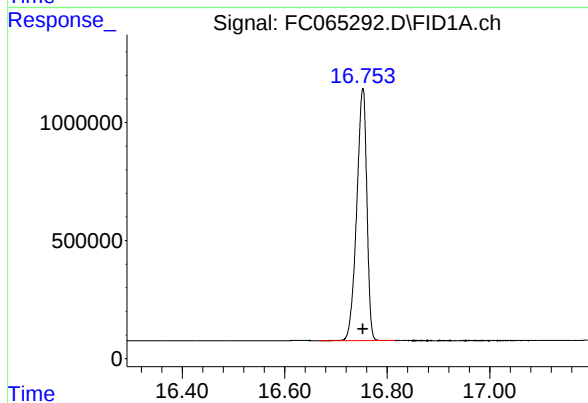
#14 n-Tetracosane (C24)

R.T.: 14.792 min  
Delta R.T.: 0.000 min  
Response: 15955661  
Conc: 95.45 ug/ml



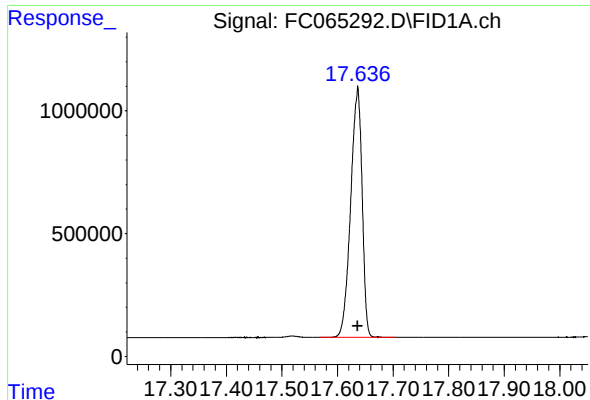
#15 n-Hexacosane (C26)

R.T.: 15.808 min  
Delta R.T.: 0.000 min  
Response: 15281840  
Conc: 95.50 ug/ml



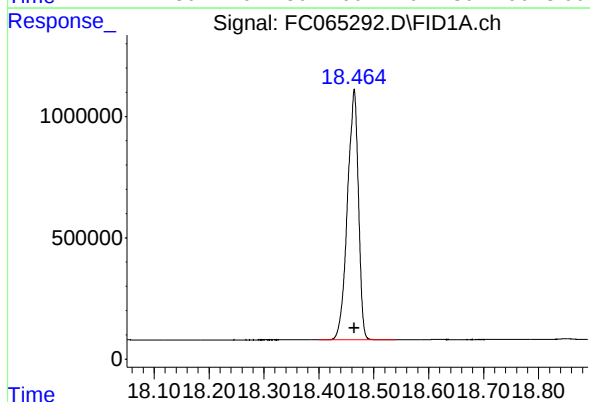
#16 n-Octacosane (C28)

R.T.: 16.753 min  
Delta R.T.: 0.000 min  
Response: 14645022  
Conc: 95.47 ug/ml



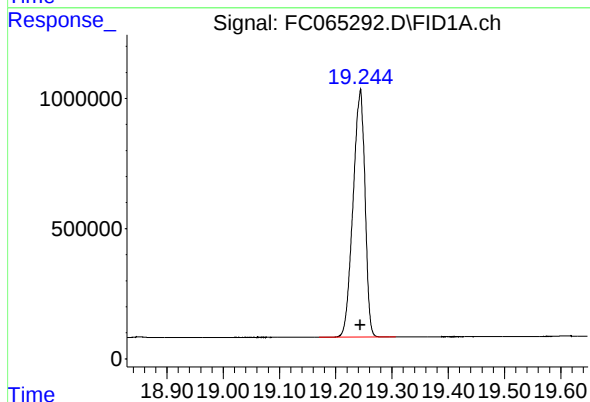
#17 n-Tricontane (C30)

R.T.: 17.637 min  
Delta R.T.: 0.000 min  
Response: 14511779  
Conc: 95.31 ug/ml



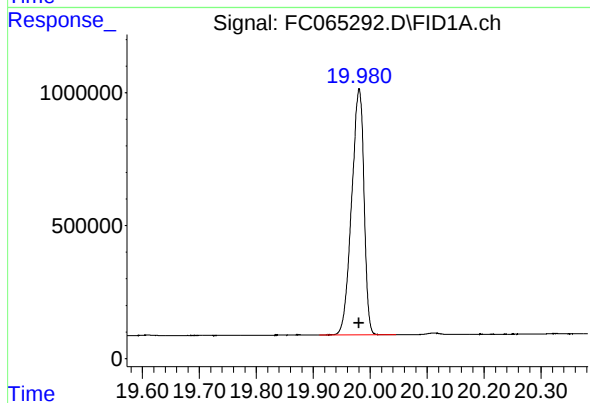
#18 n-Dotriacontane (C32)

R.T.: 18.465 min  
Delta R.T.: 0.000 min  
Response: 14297233  
Conc: 95.21 ug/ml



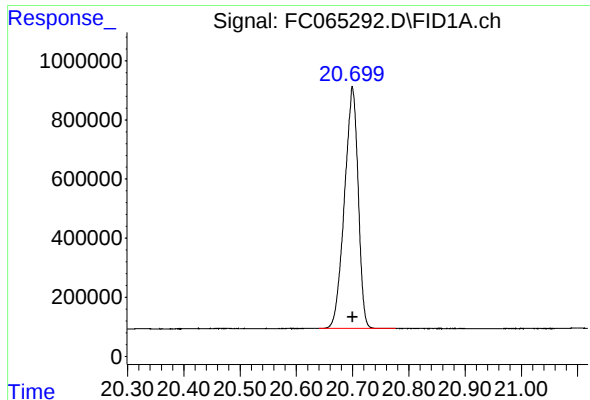
#19 n-Tetratriacontane (C34)

R.T.: 19.244 min  
Delta R.T.: 0.000 min  
Response: 14025625  
Conc: 95.30 ug/ml



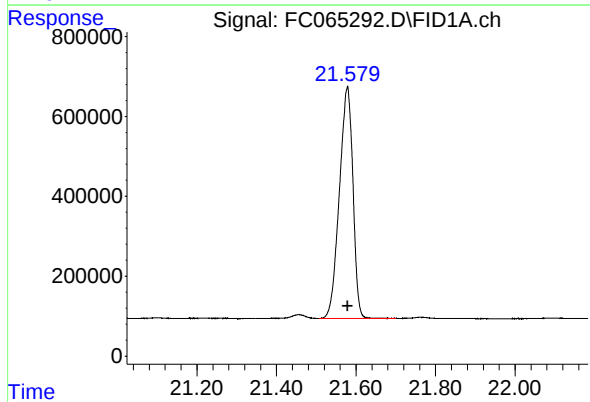
#20 n-Hexatriacontane (C36)

R.T.: 19.981 min  
Delta R.T.: 0.000 min  
Response: 13971057  
Conc: 95.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.700 min  
Delta R.T.: 0.000 min  
Response: 13811863  
Conc: 94.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.578 min  
Delta R.T.: 0.000 min  
Response: 13705775  
Conc: 94.78 ug/ml