

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F122923AL\  
 Data File : FC065530.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Dec 2023 09:28  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 29 23:35:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121823.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 18 12:39:13 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)    | 11.500 | 4684302    | 20.469 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.94%        |
| 12) S 1-chlorooctadecane (S... | 12.931 | 3251367    | 19.891 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.78%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.293  | 4015969    | 20.197 ug/ml  |
| 2) T n-Decane (C10)            | 4.354  | 4091708    | 20.410 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.937  | 4022440    | 20.014 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.366  | 4163433    | 20.366 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.991  | 3948725    | 20.225 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.155  | 4064646    | 20.290 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.749  | 4050148    | 20.233 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.185 | 3983934    | 20.244 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.489 | 3792247    | 20.229 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.098 | 3704216    | 20.309 ug/ml  |
| 13) T n-Docosane (C22)         | 13.682 | 3625808    | 20.096 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.779 | 3517532    | 19.525 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.797 | 3374817    | 19.482 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.742 | 3291949    | 19.195 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.624 | 3332442    | 19.027 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.454 | 3310109    | 18.977 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.232 | 3220884    | 19.466 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.970 | 3121708    | 19.335 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.687 | 3010067    | 18.979 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.563 | 2855244    | 17.926 ug/ml  |
| -----                          |        |            |               |

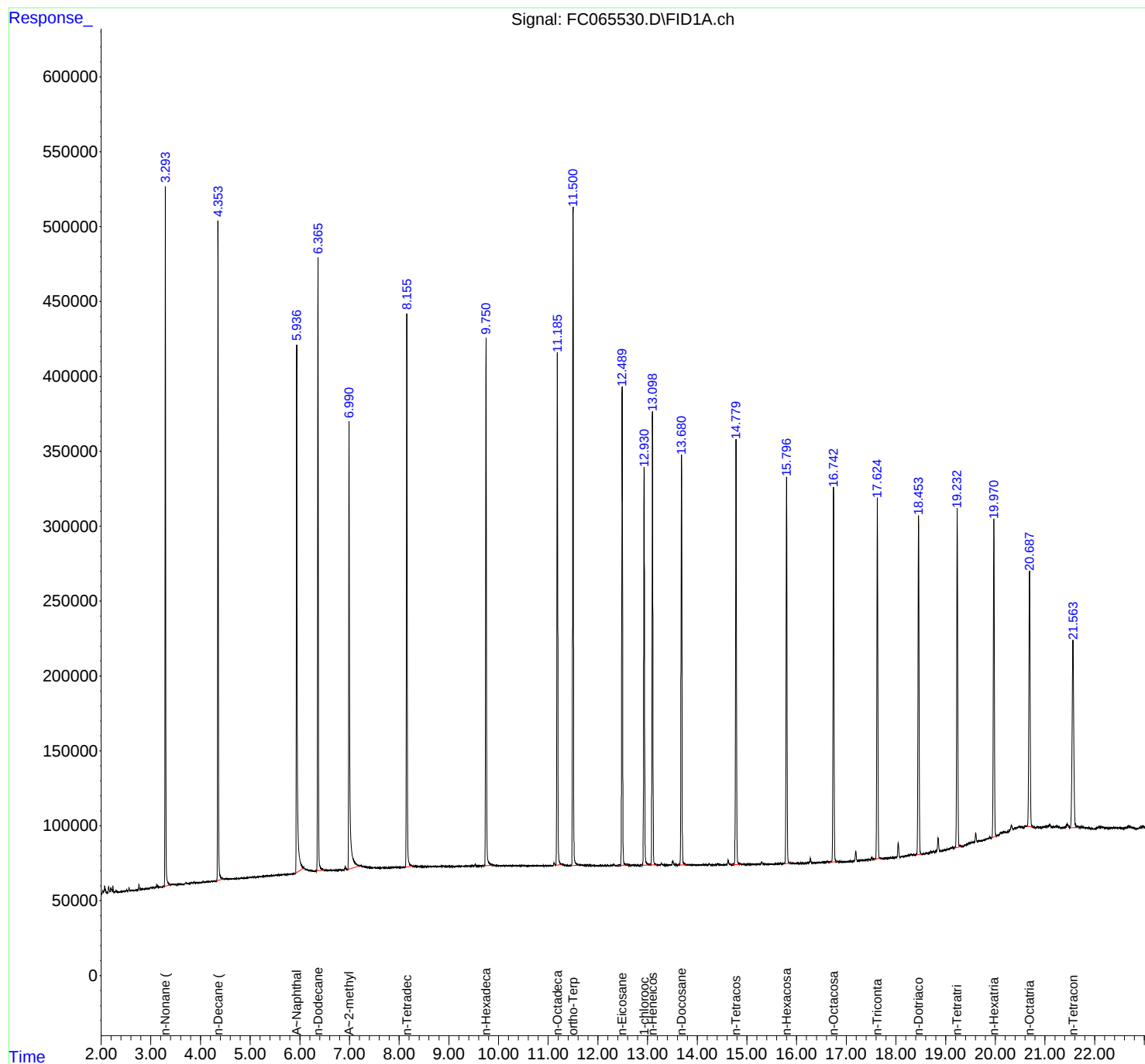
(f)=RT Delta > 1/2 Window

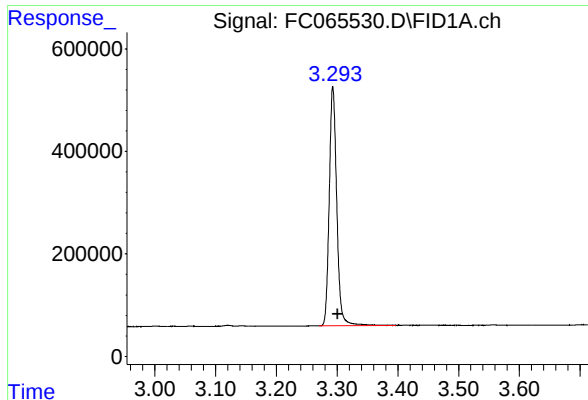
(m)=manual int.

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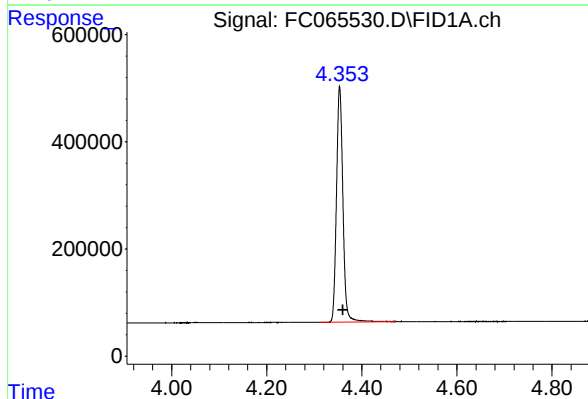
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





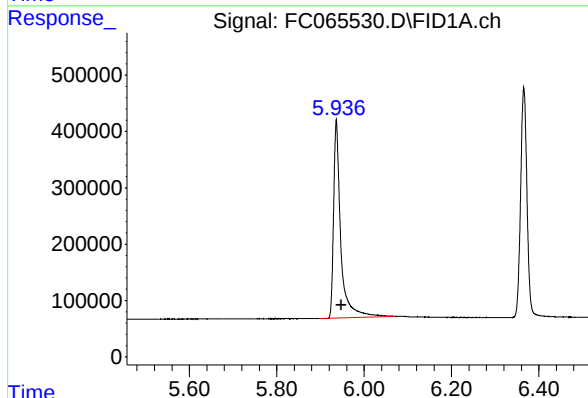
#1 n-Nonane (C9)

R.T.: 3.293 min  
Delta R.T.: -0.008 min  
Response: 4015969  
Conc: 20.20 ug/ml



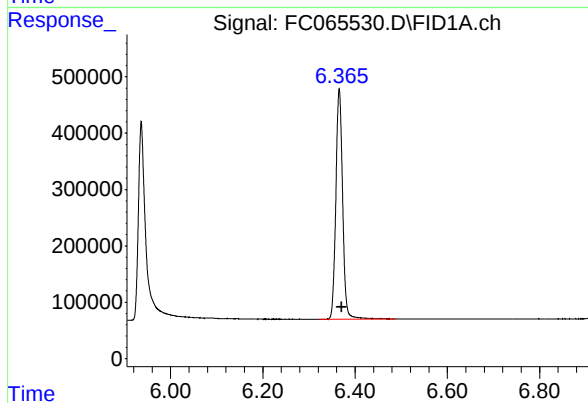
#2 n-Decane (C10)

R.T.: 4.354 min  
Delta R.T.: -0.007 min  
Response: 4091708  
Conc: 20.41 ug/ml



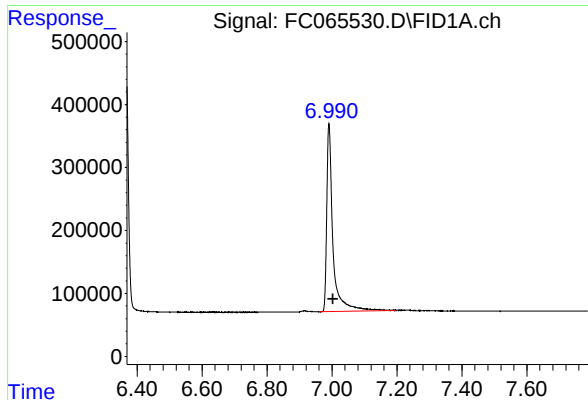
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min  
Delta R.T.: -0.011 min  
Response: 4022440  
Conc: 20.01 ug/ml



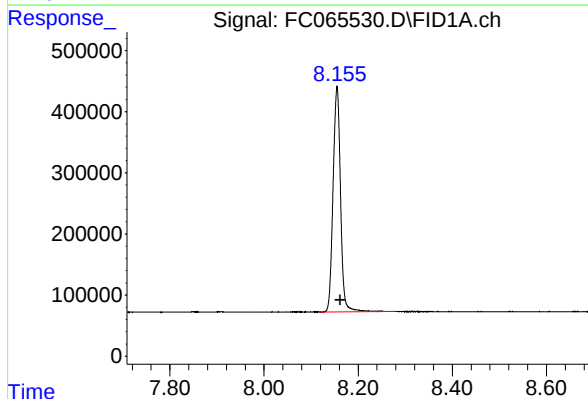
#4 n-Dodecane (C12)

R.T.: 6.366 min  
Delta R.T.: -0.006 min  
Response: 4163433  
Conc: 20.37 ug/ml



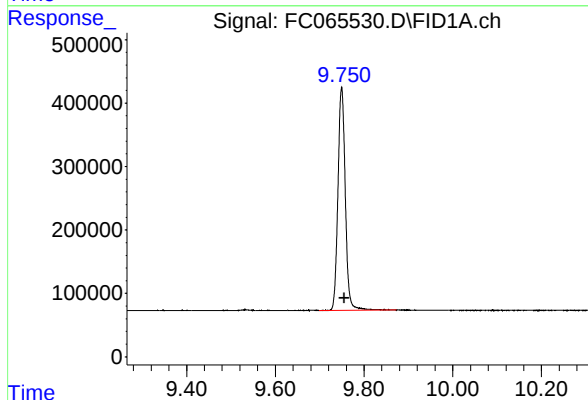
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min  
Delta R.T.: -0.012 min  
Response: 3948725  
Conc: 20.23 ug/ml



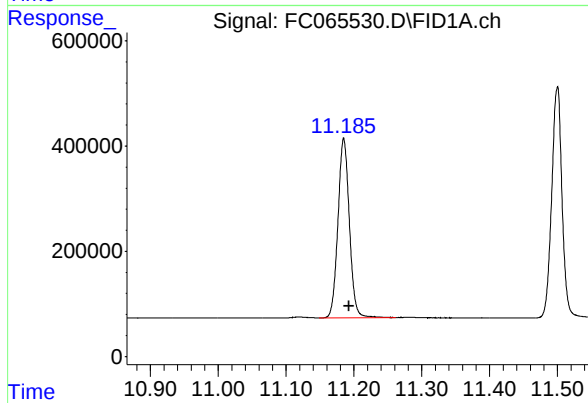
#6 n-Tetradecane (C14)

R.T.: 8.155 min  
Delta R.T.: -0.007 min  
Response: 4064646  
Conc: 20.29 ug/ml



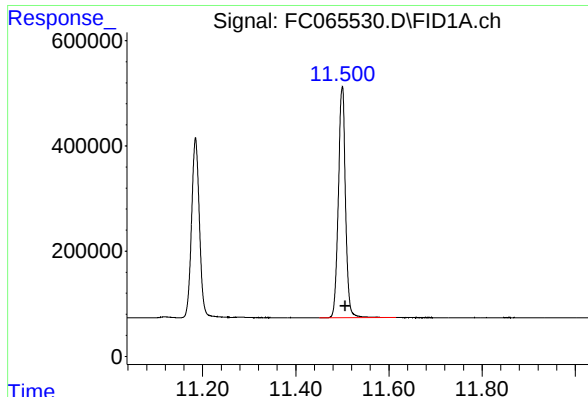
#7 n-Hexadecane (C16)

R.T.: 9.749 min  
Delta R.T.: -0.006 min  
Response: 4050148  
Conc: 20.23 ug/ml



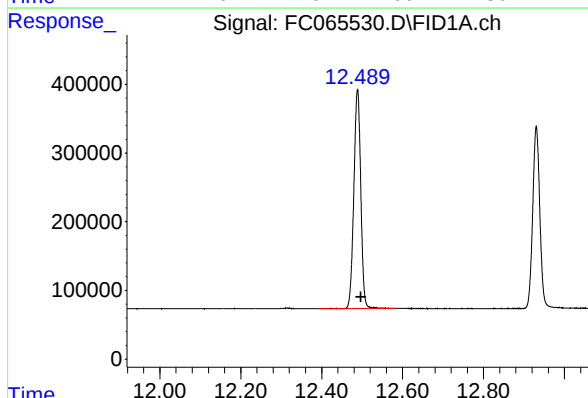
#8 n-Octadecane (C18)

R.T.: 11.185 min  
Delta R.T.: -0.008 min  
Response: 3983934  
Conc: 20.24 ug/ml



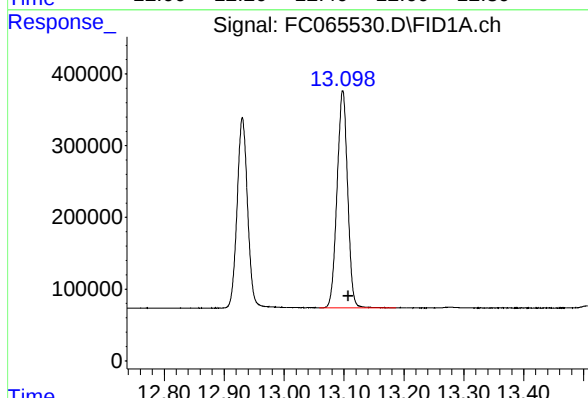
#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min  
Delta R.T.: -0.006 min  
Response: 4684302  
Conc: 20.47 ug/ml



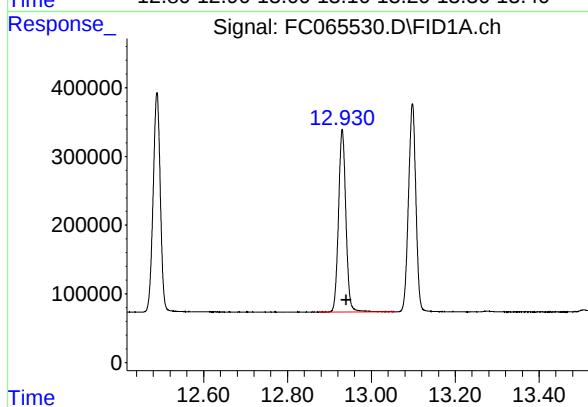
#10 n-Eicosane (C20)

R.T.: 12.489 min  
Delta R.T.: -0.009 min  
Response: 3792247  
Conc: 20.23 ug/ml



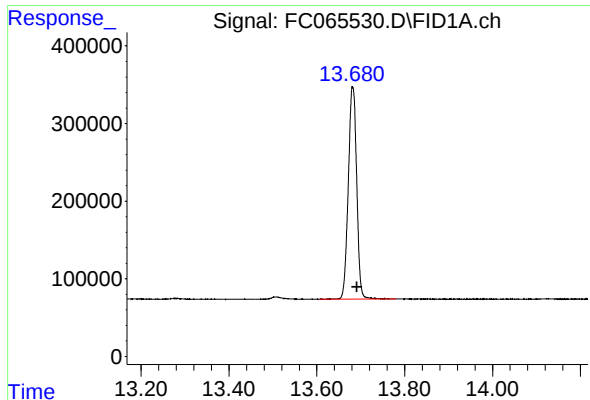
#11 n-Heneicosane (C21)

R.T.: 13.098 min  
Delta R.T.: -0.009 min  
Response: 3704216  
Conc: 20.31 ug/ml



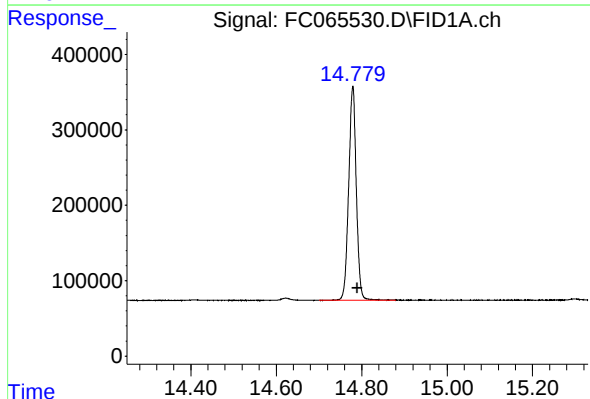
#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min  
Delta R.T.: -0.010 min  
Response: 3251367  
Conc: 19.89 ug/ml



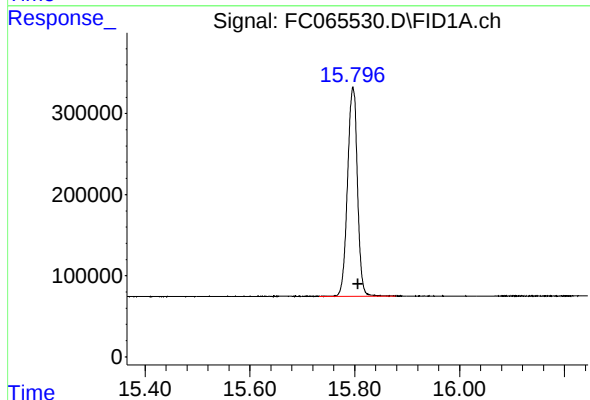
#13 n-Docosane (C22)

R.T.: 13.682 min  
Delta R.T.: -0.009 min  
Response: 3625808  
Conc: 20.10 ug/ml



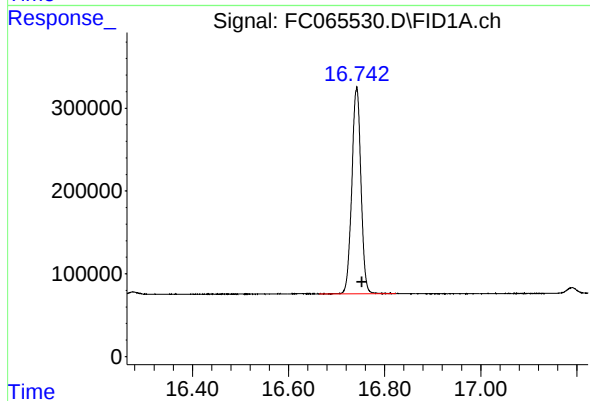
#14 n-Tetracosane (C24)

R.T.: 14.779 min  
Delta R.T.: -0.010 min  
Response: 3517532  
Conc: 19.53 ug/ml



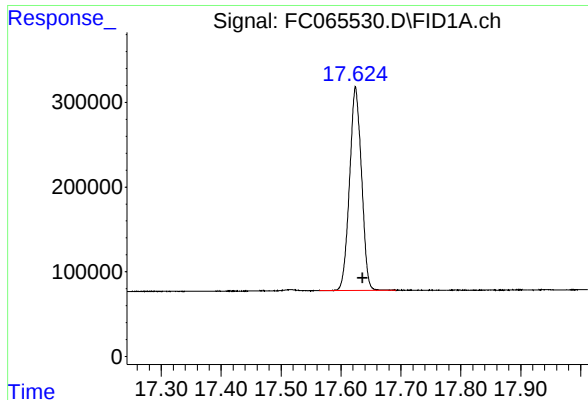
#15 n-Hexacosane (C26)

R.T.: 15.797 min  
Delta R.T.: -0.010 min  
Response: 3374817  
Conc: 19.48 ug/ml



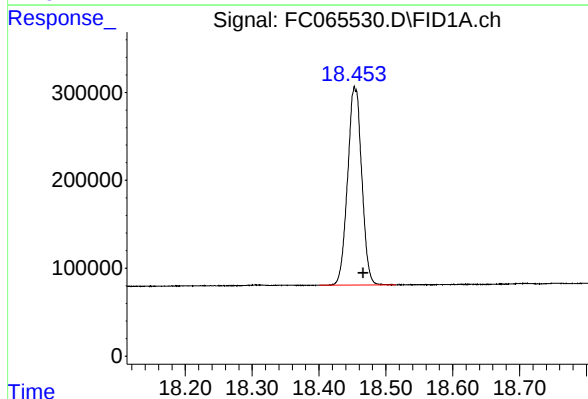
#16 n-Octacosane (C28)

R.T.: 16.742 min  
Delta R.T.: -0.011 min  
Response: 3291949  
Conc: 19.20 ug/ml



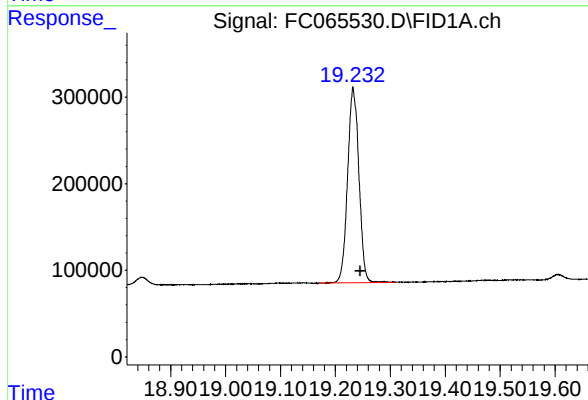
#17 n-Tricontane (C30)

R.T.: 17.624 min  
Delta R.T.: -0.012 min  
Response: 3332442  
Conc: 19.03 ug/ml



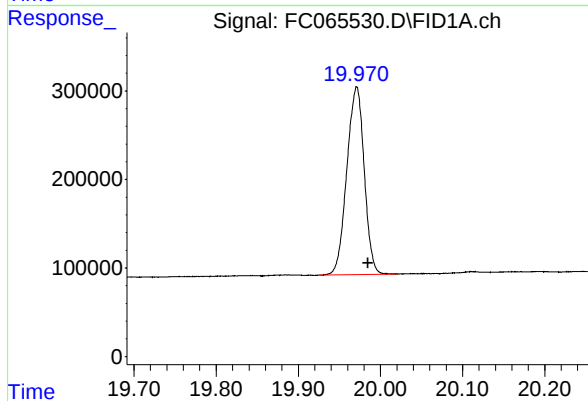
#18 n-Dotriacontane (C32)

R.T.: 18.454 min  
Delta R.T.: -0.013 min  
Response: 3310109  
Conc: 18.98 ug/ml



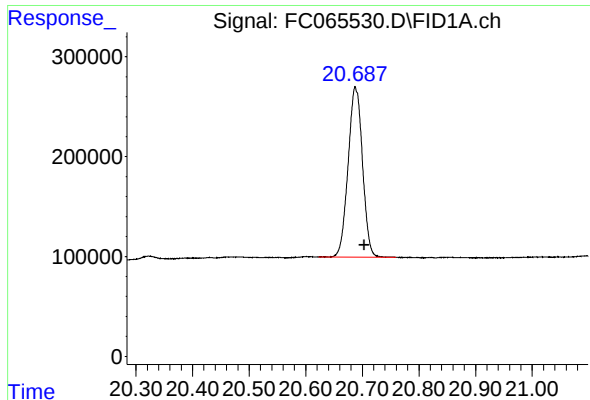
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min  
Delta R.T.: -0.013 min  
Response: 3220884  
Conc: 19.47 ug/ml



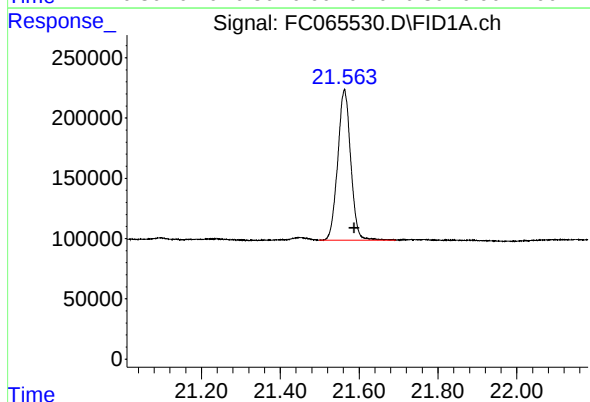
#20 n-Hexatriacontane (C36)

R.T.: 19.970 min  
Delta R.T.: -0.014 min  
Response: 3121708  
Conc: 19.33 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.687 min  
Delta R.T.: -0.016 min  
Response: 3010067  
Conc: 18.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.563 min  
Delta R.T.: -0.025 min  
Response: 2855244  
Conc: 17.93 ug/ml