

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032924AL\  
 Data File : FC066153.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Mar 2024 01:49  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 30 02:40:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 030424.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 04 13:09:51 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)    | 11.473 | 3442260    | 17.614 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.23%       |
| 12) S 1-chlorooctadecane (S... | 12.901 | 2580924    | 17.703 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.41%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.273  | 2819776    | 16.878 ug/ml |
| 2) T n-Decane (C10)            | 4.333  | 2989818    | 17.239 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.923  | 3161919    | 17.619 ug/ml |
| 4) T n-Dodecane (C12)          | 6.343  | 3090193    | 17.536 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.979  | 2824310    | 16.581 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.132  | 2949786    | 16.963 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.725  | 3095635    | 17.328 ug/ml |
| 8) T n-Octadecane (C18)        | 11.158 | 3152071    | 17.342 ug/ml |
| 10) T n-Eicosane (C20)         | 12.459 | 3083187    | 17.657 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.067 | 3051825    | 17.602 ug/ml |
| 13) T n-Docosane (C22)         | 13.649 | 3138457    | 18.249 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.744 | 3232523    | 18.926 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.757 | 3283211    | 19.498 ug/ml |
| 16) T n-Octacosane (C28)       | 16.701 | 3439261    | 20.686 ug/ml |
| 17) T n-Tricontane (C30)       | 17.583 | 3776032    | 22.116 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.409 | 3763971    | 22.328 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.187 | 3522838    | 21.494 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.983 | 38908      | 0.245 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.633 | 3029047    | 19.338 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.491 | 3410900    | 21.569 ug/ml |
| -----                          |        |            |              |

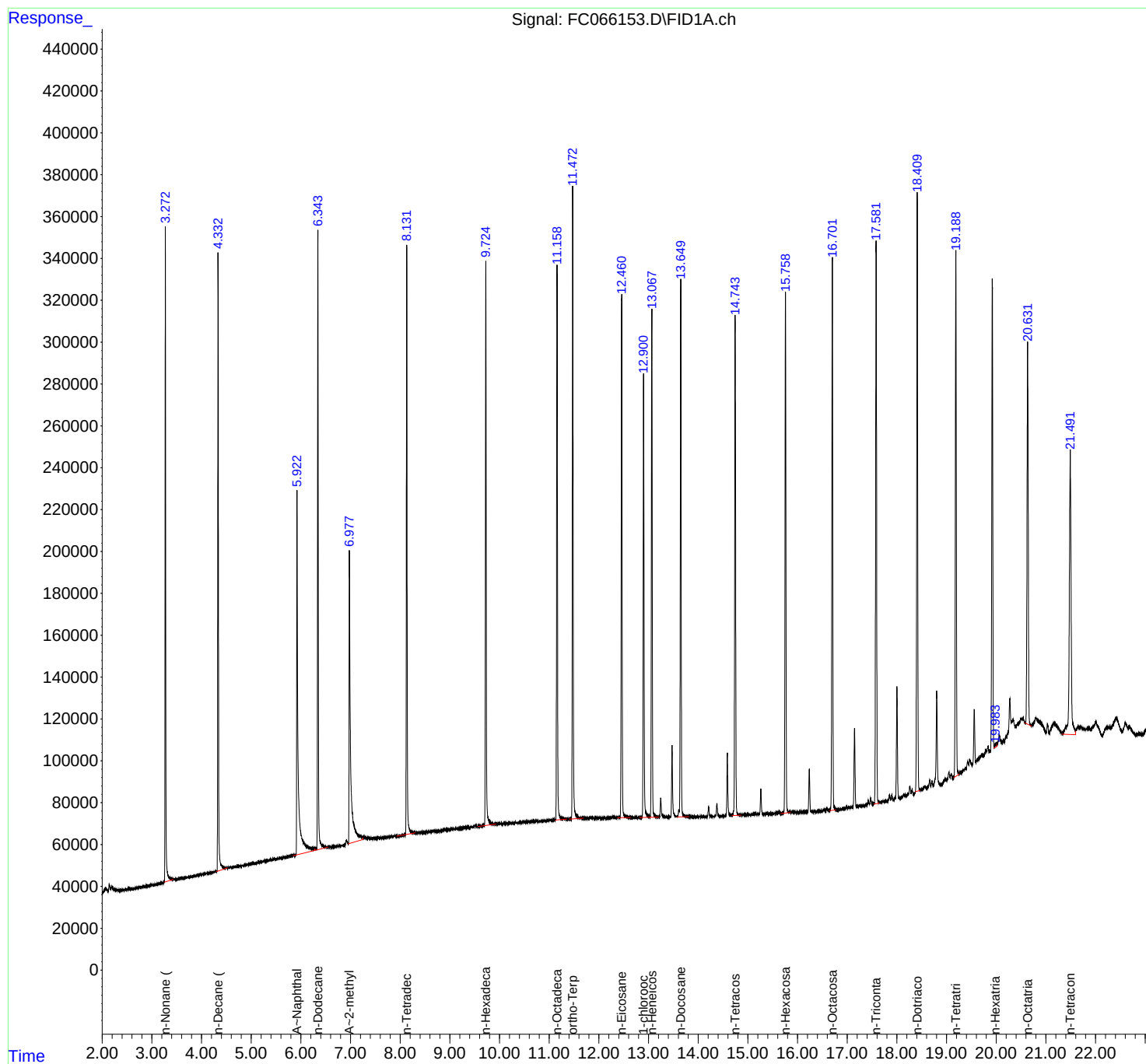
(f)=RT Delta > 1/2 Window

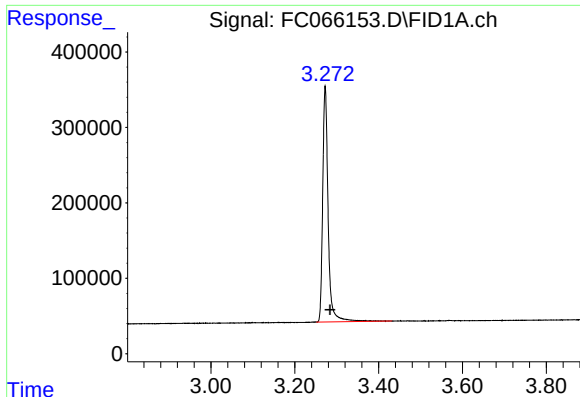
(m)=manual int.

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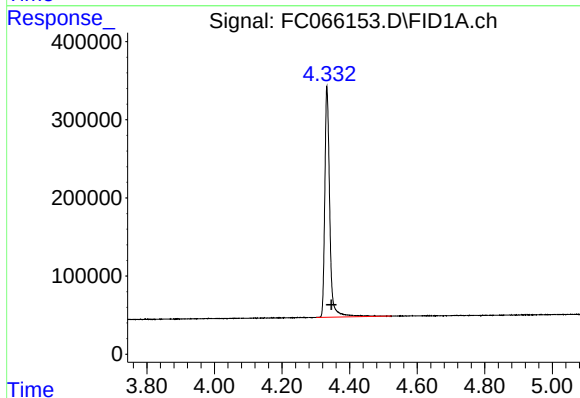
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





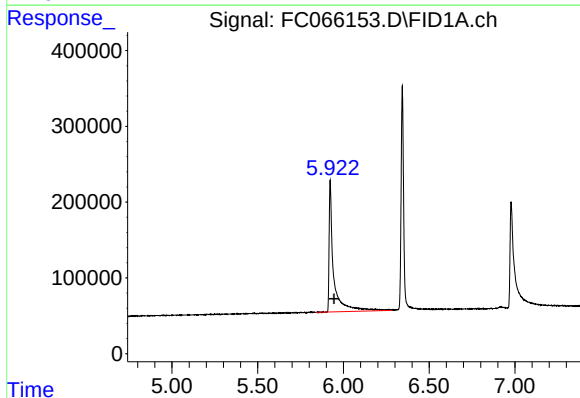
#1 n-Nonane (C9)

R.T.: 3.273 min  
Delta R.T.: -0.011 min  
Response: 2819776  
Conc: 16.88 ug/ml



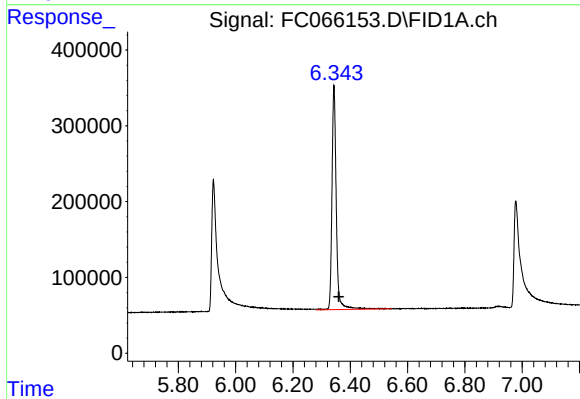
#2 n-Decane (C10)

R.T.: 4.333 min  
Delta R.T.: -0.013 min  
Response: 2989818  
Conc: 17.24 ug/ml



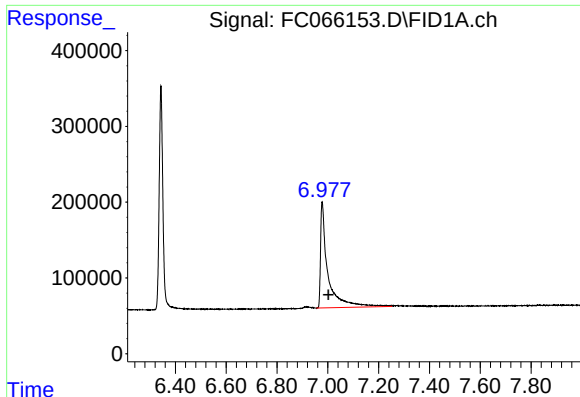
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min  
Delta R.T.: -0.022 min  
Response: 3161919  
Conc: 17.62 ug/ml



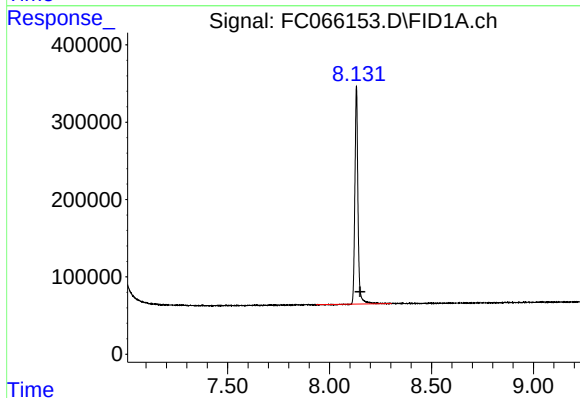
#4 n-Dodecane (C12)

R.T.: 6.343 min  
Delta R.T.: -0.017 min  
Response: 3090193  
Conc: 17.54 ug/ml



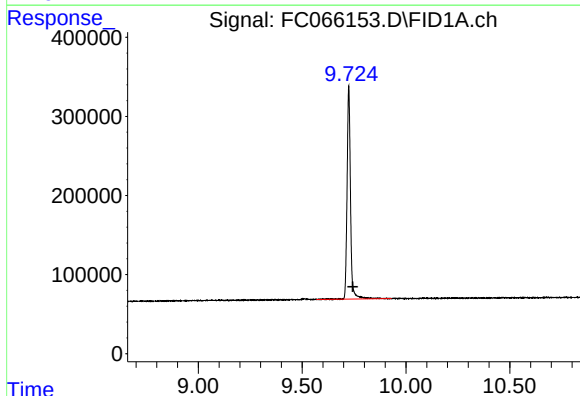
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min  
Delta R.T.: -0.024 min  
Response: 2824310  
Conc: 16.58 ug/ml



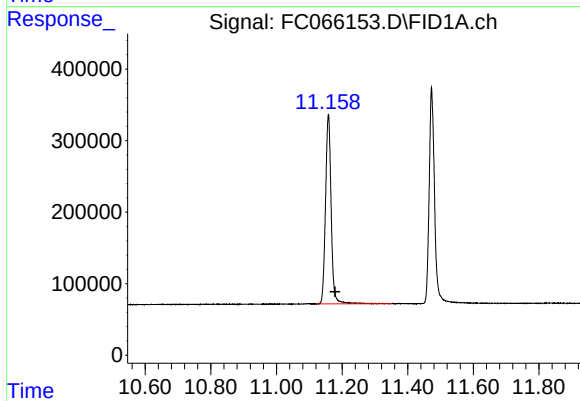
#6 n-Tetradecane (C14)

R.T.: 8.132 min  
Delta R.T.: -0.017 min  
Response: 2949786  
Conc: 16.96 ug/ml



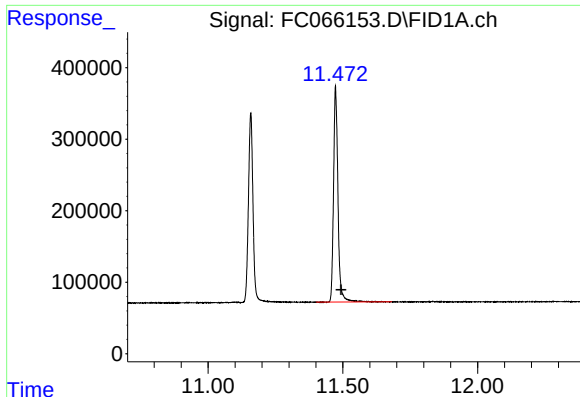
#7 n-Hexadecane (C16)

R.T.: 9.725 min  
Delta R.T.: -0.019 min  
Response: 3095635  
Conc: 17.33 ug/ml



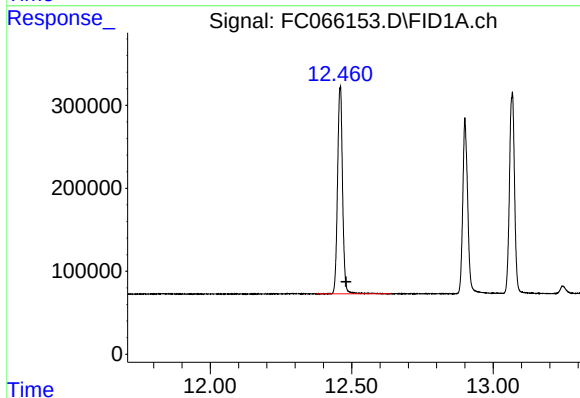
#8 n-Octadecane (C18)

R.T.: 11.158 min  
Delta R.T.: -0.021 min  
Response: 3152071  
Conc: 17.34 ug/ml



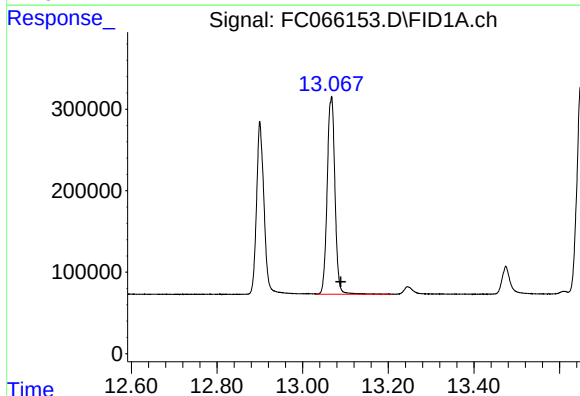
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min  
Delta R.T.: -0.020 min  
Response: 3442260  
Conc: 17.61 ug/ml



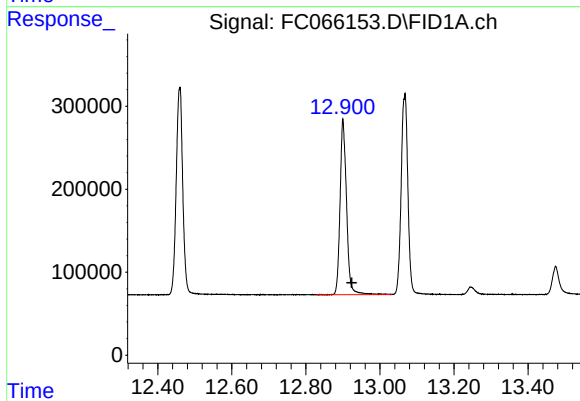
#10 n-Eicosane (C20)

R.T.: 12.459 min  
Delta R.T.: -0.022 min  
Response: 3083187  
Conc: 17.66 ug/ml



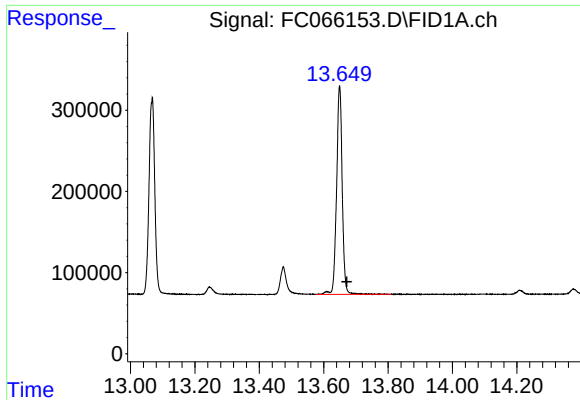
#11 n-Heneicosane (C21)

R.T.: 13.067 min  
Delta R.T.: -0.022 min  
Response: 3051825  
Conc: 17.60 ug/ml



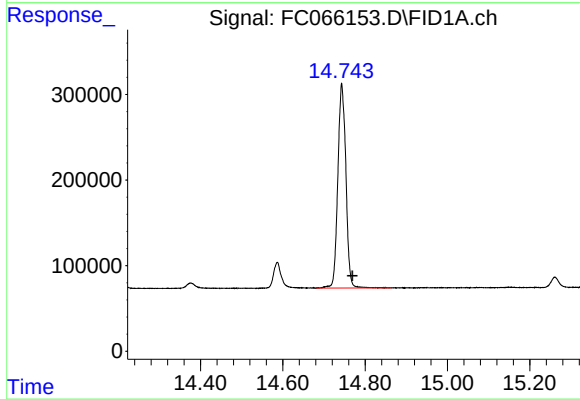
#12 1-chlorooctadecane (SURR)

R.T.: 12.901 min  
Delta R.T.: -0.023 min  
Response: 2580924  
Conc: 17.70 ug/ml



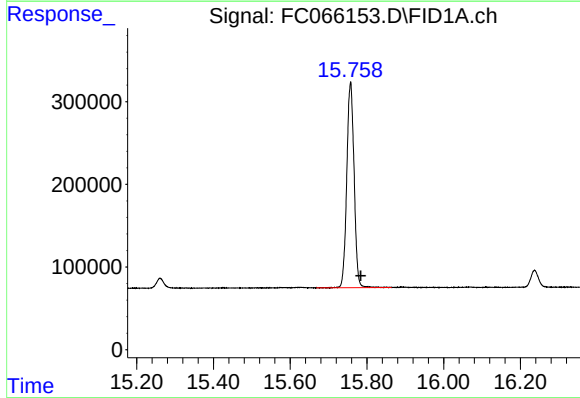
#13 n-Docosane (C22)

R.T.: 13.649 min  
Delta R.T.: -0.022 min  
Response: 3138457  
Conc: 18.25 ug/ml



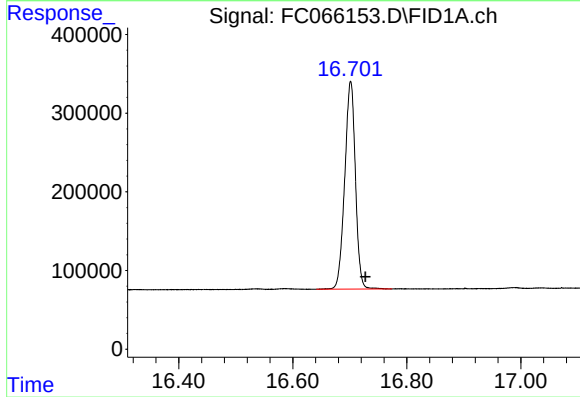
#14 n-Tetracosane (C24)

R.T.: 14.744 min  
Delta R.T.: -0.026 min  
Response: 3232523  
Conc: 18.93 ug/ml



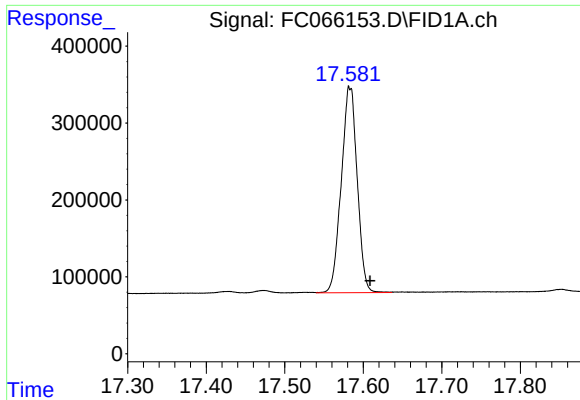
#15 n-Hexacosane (C26)

R.T.: 15.757 min  
Delta R.T.: -0.027 min  
Response: 3283211  
Conc: 19.50 ug/ml



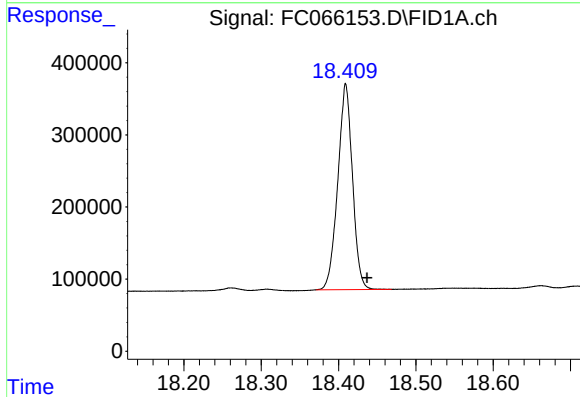
#16 n-Octacosane (C28)

R.T.: 16.701 min  
Delta R.T.: -0.026 min  
Response: 3439261  
Conc: 20.69 ug/ml



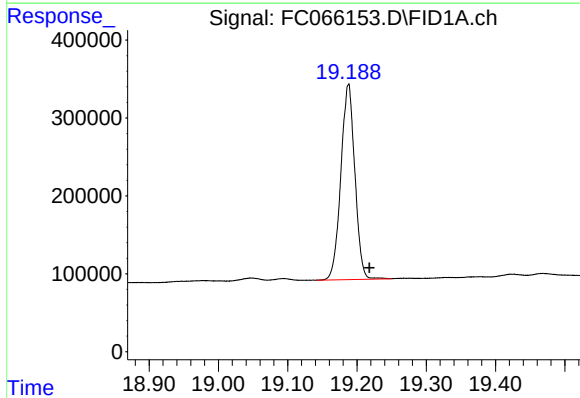
#17 n-Tricontane (C30)

R.T.: 17.583 min  
Delta R.T.: -0.026 min  
Response: 3776032  
Conc: 22.12 ug/ml



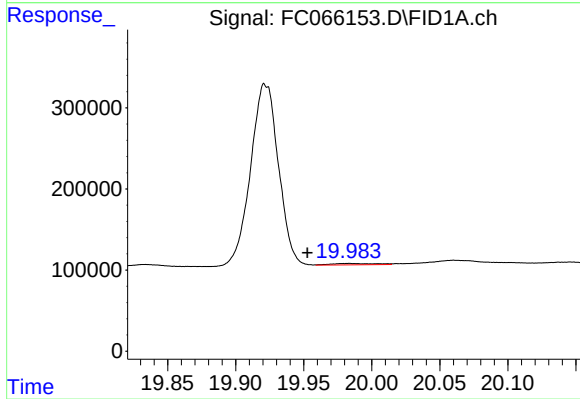
#18 n-Dotriacontane (C32)

R.T.: 18.409 min  
Delta R.T.: -0.028 min  
Response: 3763971  
Conc: 22.33 ug/ml



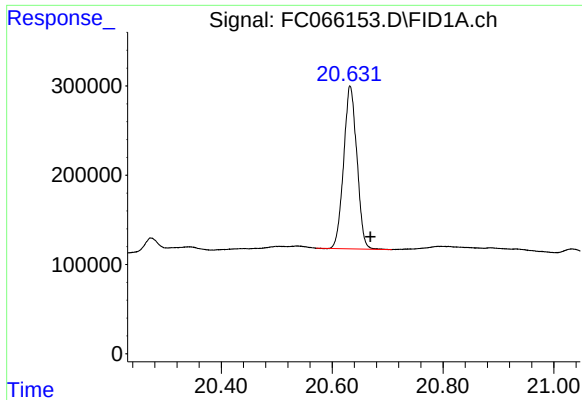
#19 n-Tetratriacontane (C34)

R.T.: 19.187 min  
Delta R.T.: -0.030 min  
Response: 3522838  
Conc: 21.49 ug/ml



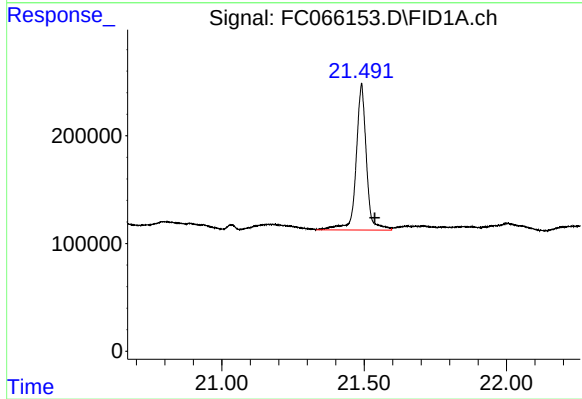
#20 n-Hexatriacontane (C36)

R.T.: 19.983 min  
Delta R.T.: 0.030 min  
Response: 38908  
Conc: 0.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.633 min  
Delta R.T.: -0.036 min  
Response: 3029047  
Conc: 19.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.491 min  
Delta R.T.: -0.047 min  
Response: 3410900  
Conc: 21.57 ug/ml