

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120219AL\  
 Data File : FC044796.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Dec 2019 11:50  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 03 12:20:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 112219.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 23 03:00:37 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.761 | 2263986    | 19.868 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.74%       |
| 12) S 1-chlorooctadecane (S... | 13.186 | 1752544    | 19.791 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.58%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.503  | 2078495    | 20.445 ug/ml |
| 2) T n-Decane (C10)            | 4.578  | 2089485    | 20.575 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.179  | 2348766    | 20.558 ug/ml |
| 4) T n-Dodecane (C12)          | 6.598  | 2103683    | 20.677 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.235  | 2358852    | 20.571 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.391  | 2111813    | 20.718 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.991  | 2118394    | 20.646 ug/ml |
| 8) T n-Octadecane (C18)        | 11.431 | 2112225    | 20.400 ug/ml |
| 10) T n-Eicosane (C20)         | 12.739 | 2086124    | 19.998 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.351 | 2086834    | 19.783 ug/ml |
| 13) T n-Docosane (C22)         | 13.936 | 2056302    | 19.492 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.038 | 2015950    | 18.830 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.061 | 1951020    | 18.332 ug/ml |
| 16) T n-Octacosane (C28)       | 17.010 | 1883105    | 17.942 ug/ml |
| 17) T n-Tricontane (C30)       | 17.898 | 1776997    | 17.748 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.730 | 1479807    | 17.773 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.510 | 1255340    | 18.297 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.250 | 1133887    | 18.997 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.025 | 1036924    | 19.289 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.002 | 1035941    | 19.336 ug/ml |
| -----                          |        |            |              |

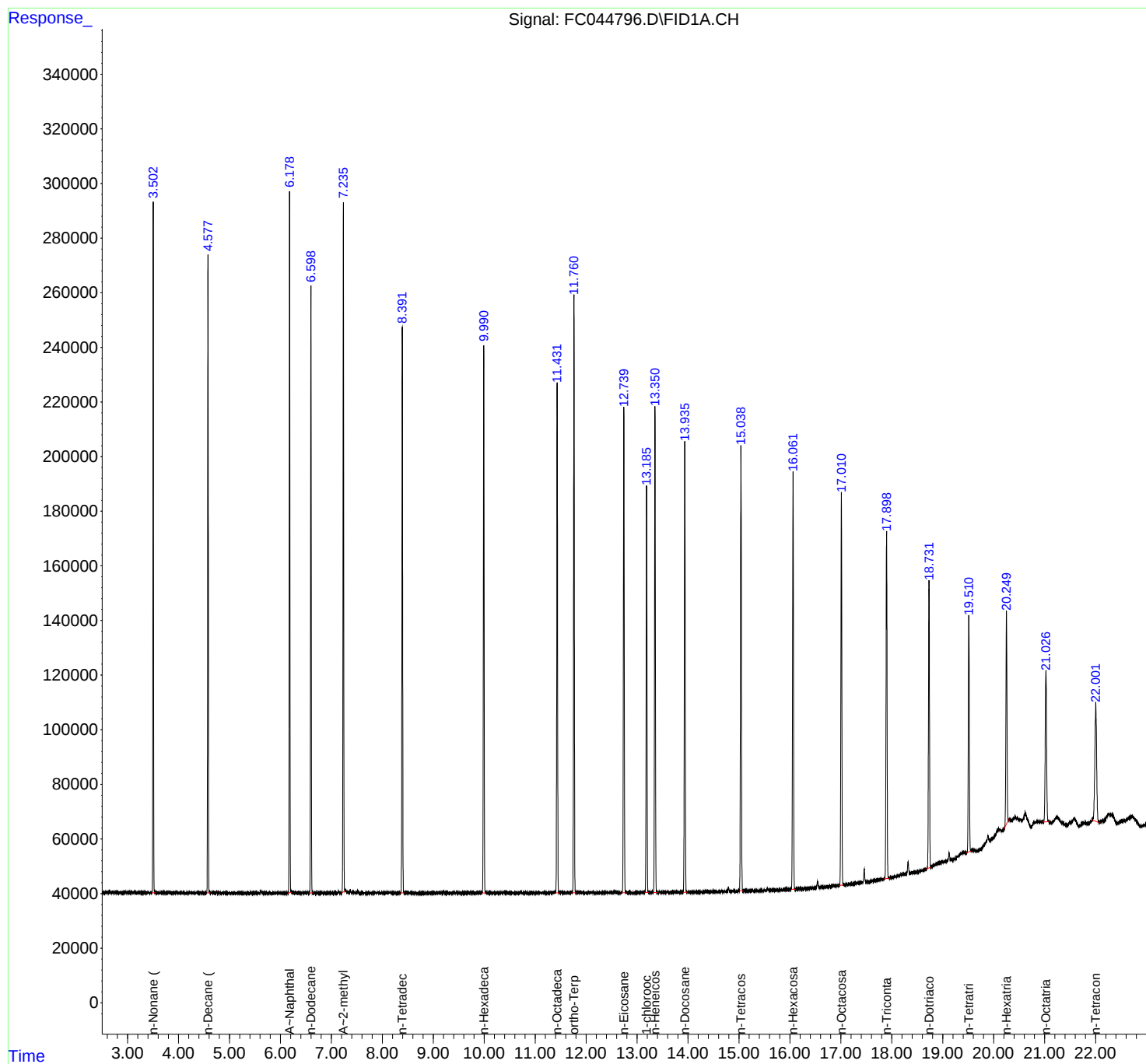
(f)=RT Delta > 1/2 Window

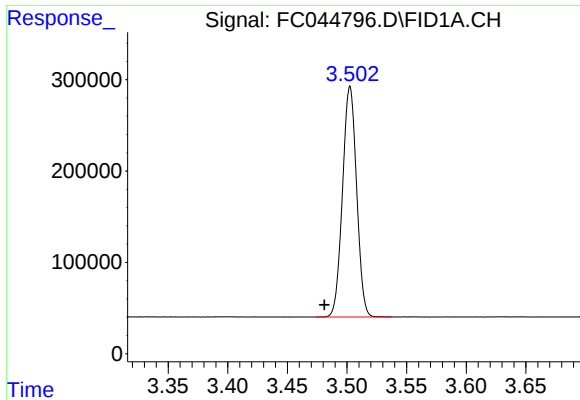
(m)=manual int.

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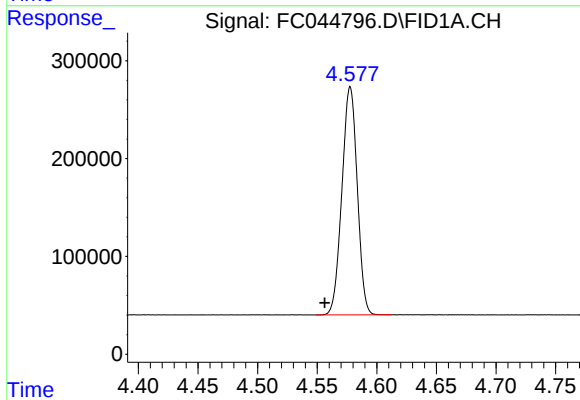
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





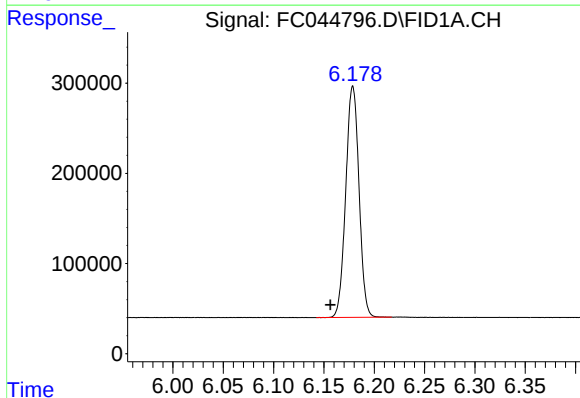
#1 n-Nonane (C9)

R.T.: 3.503 min  
Delta R.T.: 0.022 min  
Response: 2078495  
Conc: 20.44 ug/ml



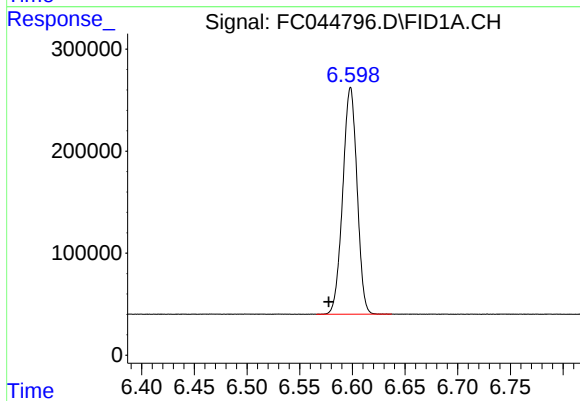
#2 n-Decane (C10)

R.T.: 4.578 min  
Delta R.T.: 0.022 min  
Response: 2089485  
Conc: 20.58 ug/ml



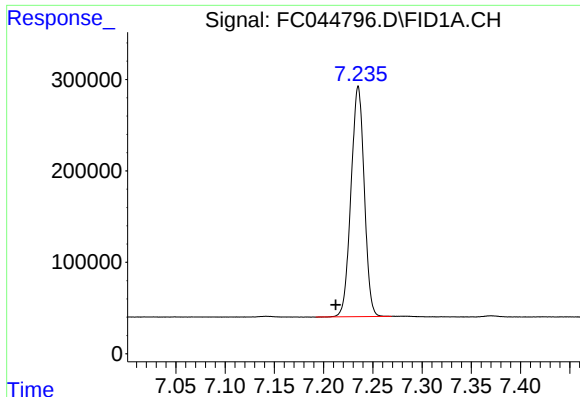
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min  
Delta R.T.: 0.022 min  
Response: 2348766  
Conc: 20.56 ug/ml



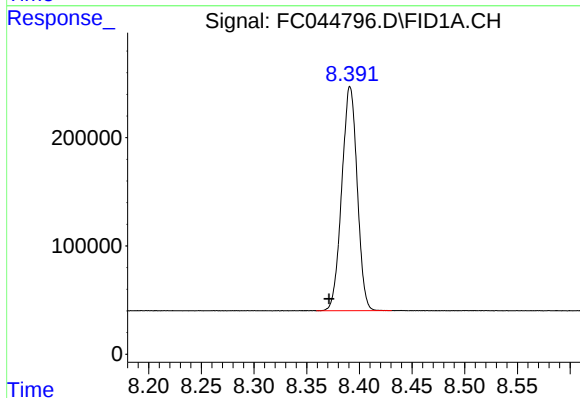
#4 n-Dodecane (C12)

R.T.: 6.598 min  
Delta R.T.: 0.021 min  
Response: 2103683  
Conc: 20.68 ug/ml



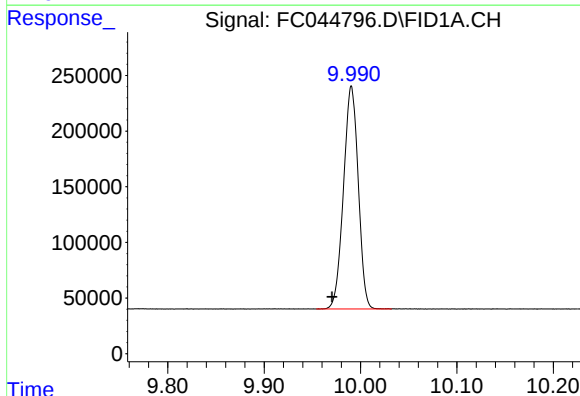
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.235 min  
Delta R.T.: 0.023 min  
Response: 2358852  
Conc: 20.57 ug/ml



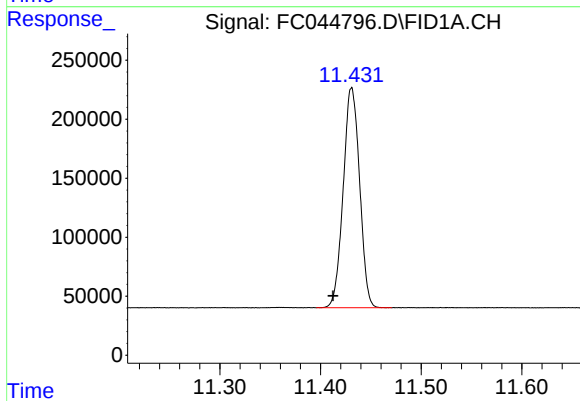
#6 n-Tetradecane (C14)

R.T.: 8.391 min  
Delta R.T.: 0.020 min  
Response: 2111813  
Conc: 20.72 ug/ml



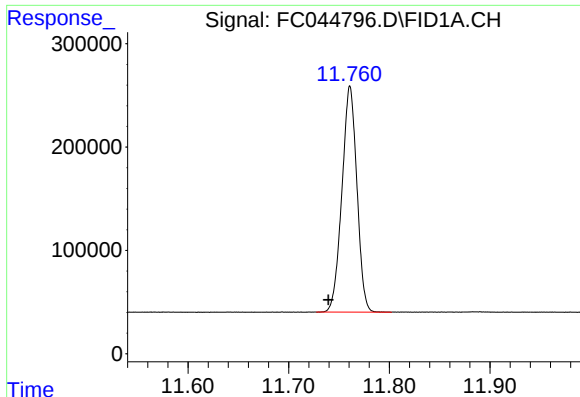
#7 n-Hexadecane (C16)

R.T.: 9.991 min  
Delta R.T.: 0.020 min  
Response: 2118394  
Conc: 20.65 ug/ml



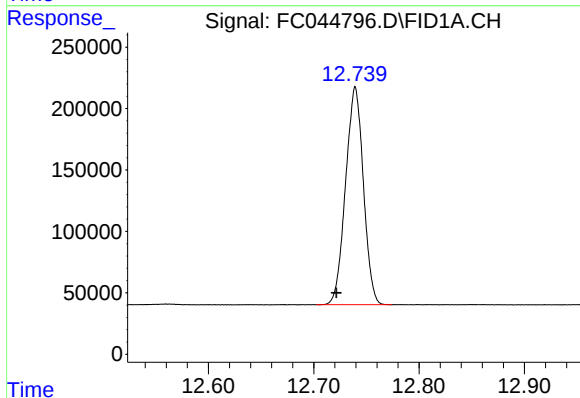
#8 n-Octadecane (C18)

R.T.: 11.431 min  
Delta R.T.: 0.018 min  
Response: 2112225  
Conc: 20.40 ug/ml



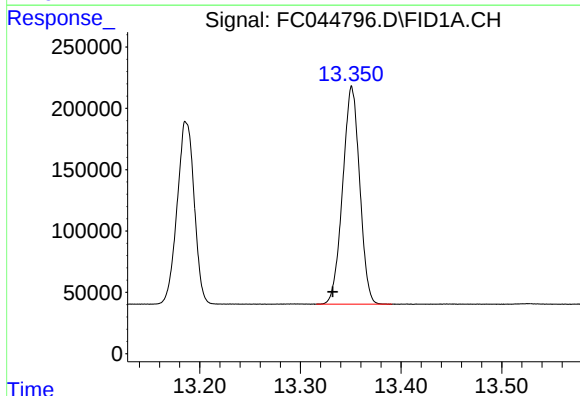
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min  
Delta R.T.: 0.022 min  
Response: 2263986  
Conc: 19.87 ug/ml



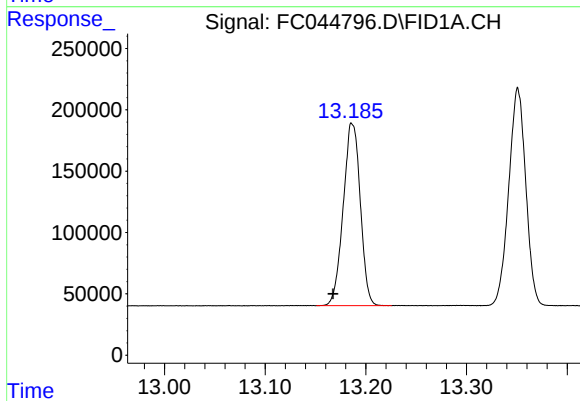
#10 n-Eicosane (C20)

R.T.: 12.739 min  
Delta R.T.: 0.018 min  
Response: 2086124  
Conc: 20.00 ug/ml



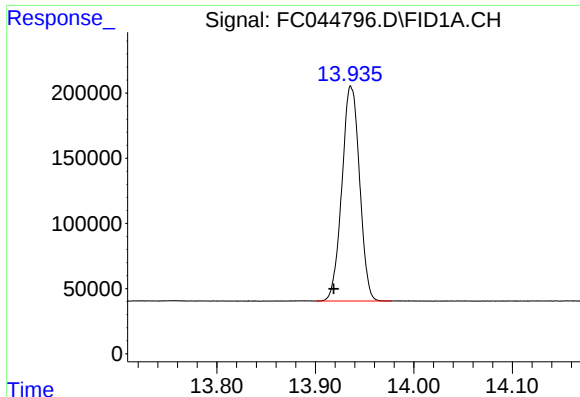
#11 n-Heneicosane (C21)

R.T.: 13.351 min  
Delta R.T.: 0.019 min  
Response: 2086834  
Conc: 19.78 ug/ml



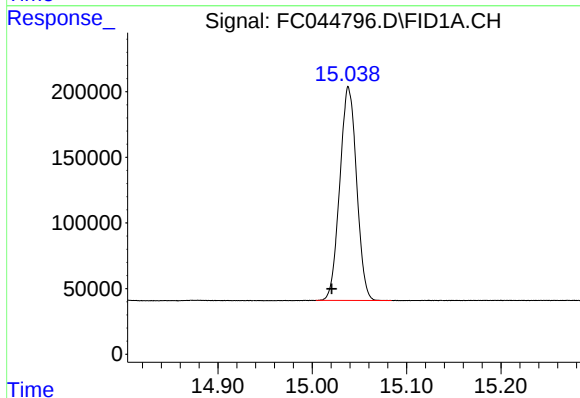
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min  
Delta R.T.: 0.019 min  
Response: 1752544  
Conc: 19.79 ug/ml



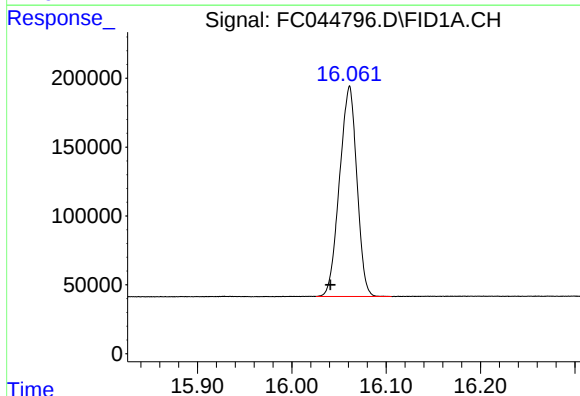
#13 n-Docosane (C22)

R.T.: 13.936 min  
Delta R.T.: 0.017 min  
Response: 2056302  
Conc: 19.49 ug/ml



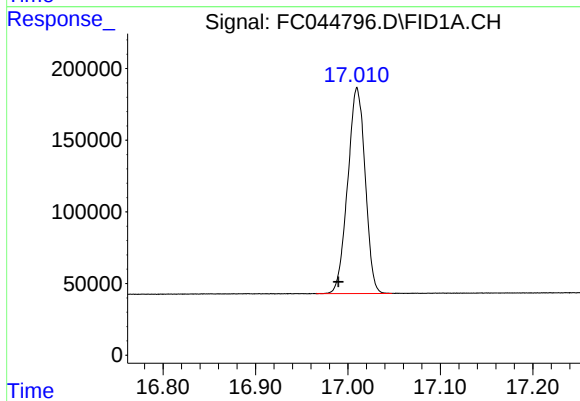
#14 n-Tetracosane (C24)

R.T.: 15.038 min  
Delta R.T.: 0.018 min  
Response: 2015950  
Conc: 18.83 ug/ml



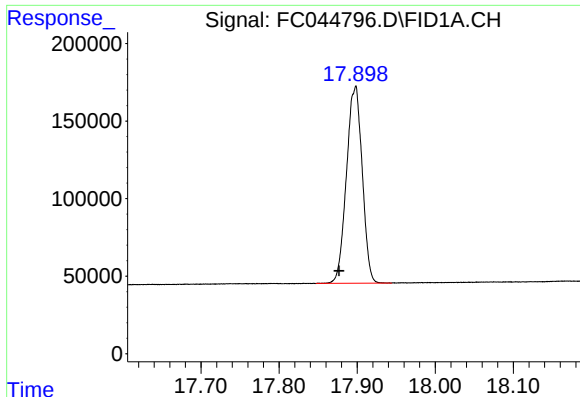
#15 n-Hexacosane (C26)

R.T.: 16.061 min  
Delta R.T.: 0.020 min  
Response: 1951020  
Conc: 18.33 ug/ml



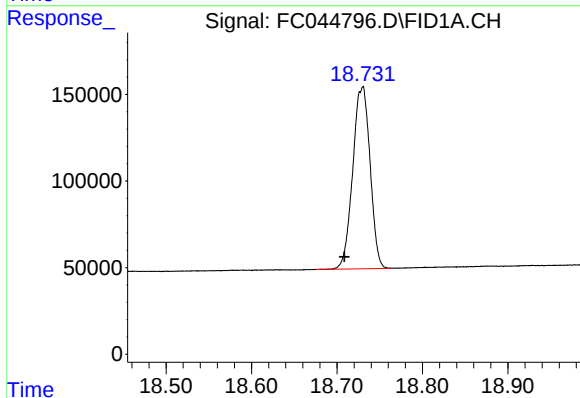
#16 n-Octacosane (C28)

R.T.: 17.010 min  
Delta R.T.: 0.020 min  
Response: 1883105  
Conc: 17.94 ug/ml



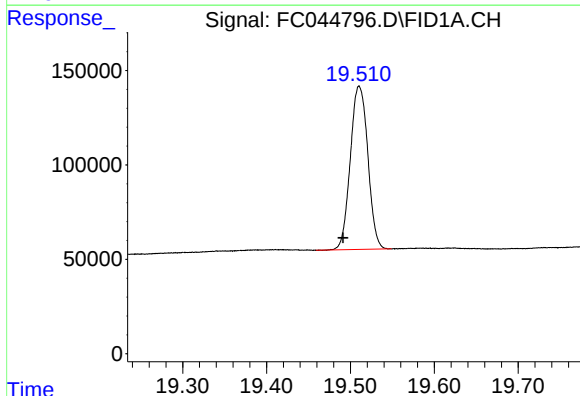
#17 n-Tricontane (C30)

R.T.: 17.898 min  
Delta R.T.: 0.021 min  
Response: 1776997  
Conc: 17.75 ug/ml



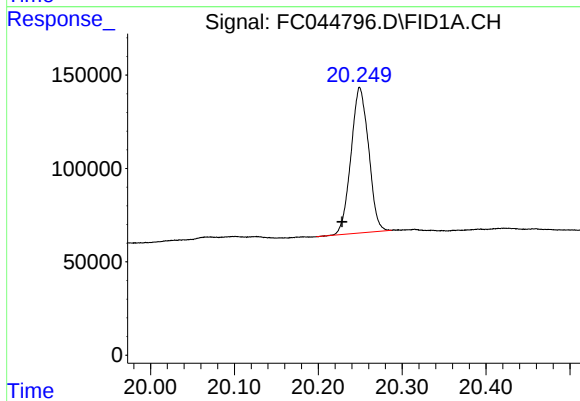
#18 n-Dotriacontane (C32)

R.T.: 18.730 min  
Delta R.T.: 0.021 min  
Response: 1479807  
Conc: 17.77 ug/ml



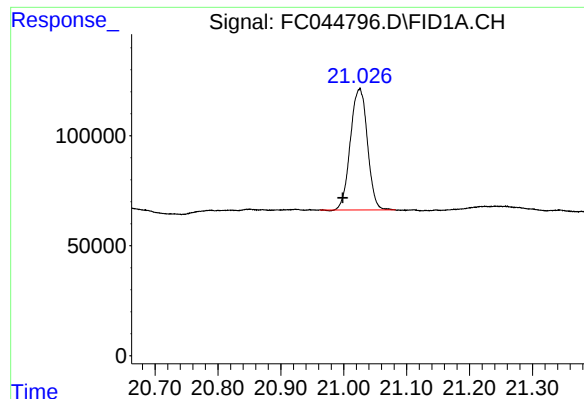
#19 n-Tetratriacontane (C34)

R.T.: 19.510 min  
Delta R.T.: 0.019 min  
Response: 1255340  
Conc: 18.30 ug/ml



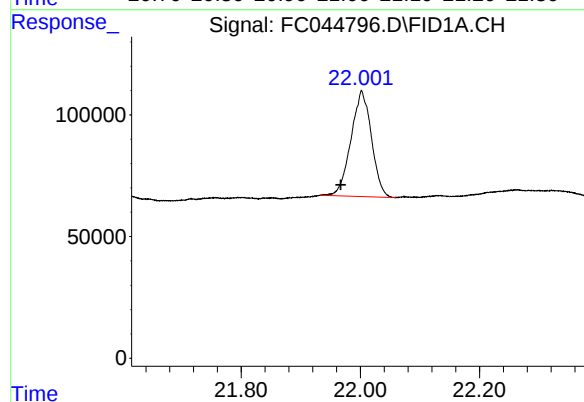
#20 n-Hexatriacontane (C36)

R.T.: 20.250 min  
Delta R.T.: 0.021 min  
Response: 1133887  
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.025 min  
Delta R.T.: 0.027 min  
Response: 1036924  
Conc: 19.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.002 min  
Delta R.T.: 0.035 min  
Response: 1035941  
Conc: 19.34 ug/ml