

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032322AL\  
 Data File : FC058864.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Mar 2022 8:45  
 Operator : UA/NP  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Mar 23 11:37:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 23 11:34:07 2022  
 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)    | 11.406 | 13935100   | 102.513 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 205.03%       |
| 12) S 1-chlorooctadecane (S... | 12.833 | 10593864   | 105.162 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 210.32%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.257  | 11352063   | 106.794 ug/ml |
| 2) T n-Decane (C10)            | 4.307  | 11323603   | 106.846 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.869  | 12632881   | 116.272 ug/ml |
| 4) T n-Dodecane (C12)          | 6.301  | 11810025   | 105.898 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.915  | 12654962   | 122.873 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.078  | 12010141   | 106.318 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.664  | 12336268   | 105.502 ug/ml |
| 8) T n-Octadecane (C18)        | 11.096 | 12659609   | 102.255 ug/ml |
| 10) T n-Eicosane (C20)         | 12.393 | 12705027   | 101.459 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.000 | 12783283   | 101.037 ug/ml |
| 13) T n-Docosane (C22)         | 13.583 | 12734867   | 100.731 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.677 | 12499310   | 99.734 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.692 | 12026393   | 99.895 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.635 | 11396209   | 99.871 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.517 | 10542893   | 100.227 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.343 | 9405118    | 100.521 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.122 | 8449430    | 102.152 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.857 | 7615801    | 104.587 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.561 | 6890141    | 113.563 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.381 | 5903347    | 136.872 ug/ml |
| -----                          |        |            |               |

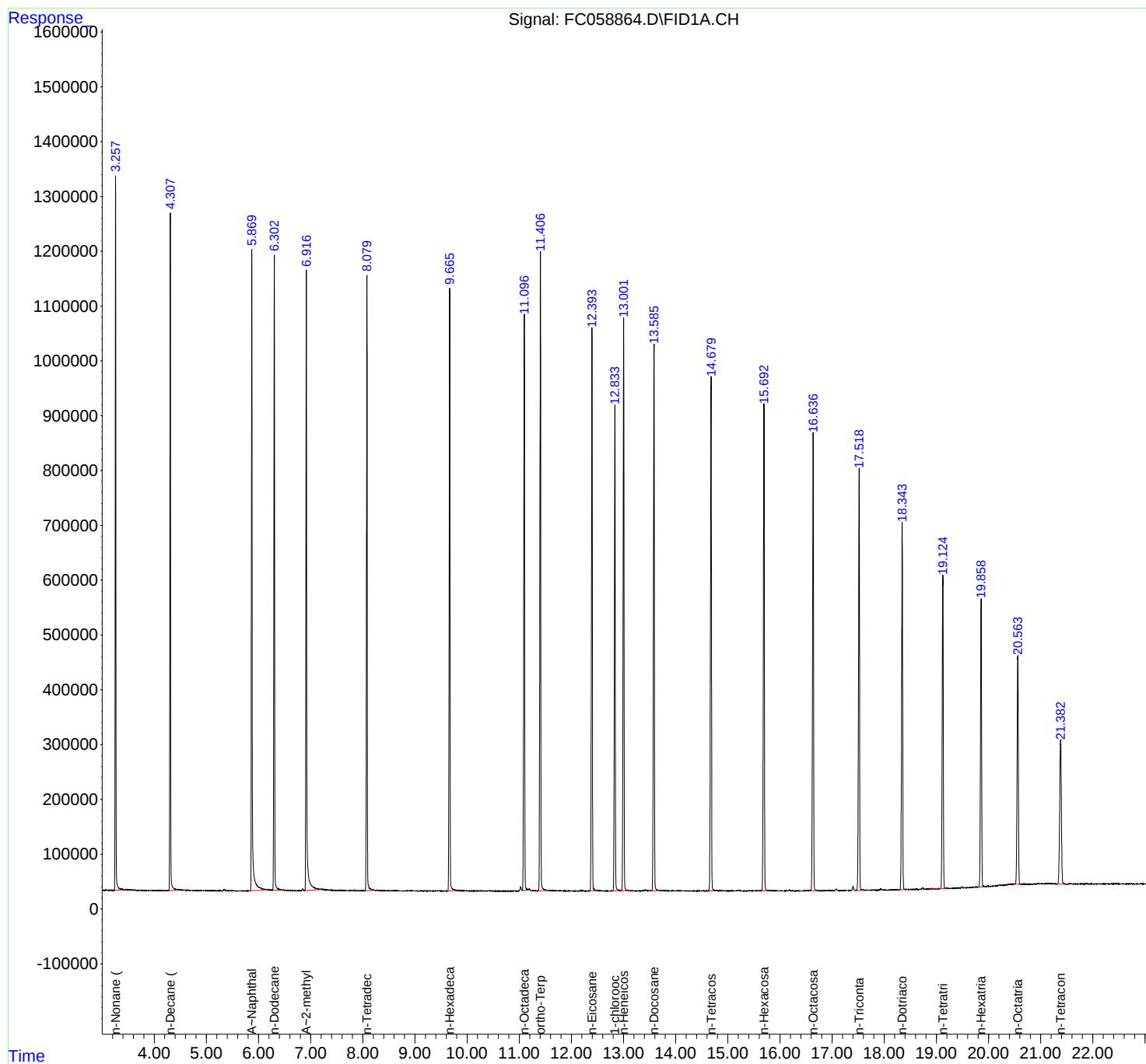
(f)=RT Delta > 1/2 Window

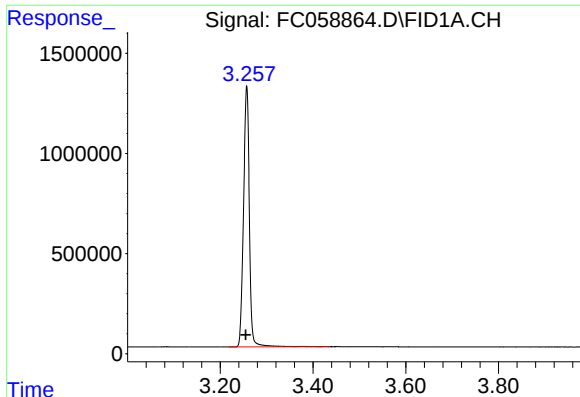
(m)=manual int.

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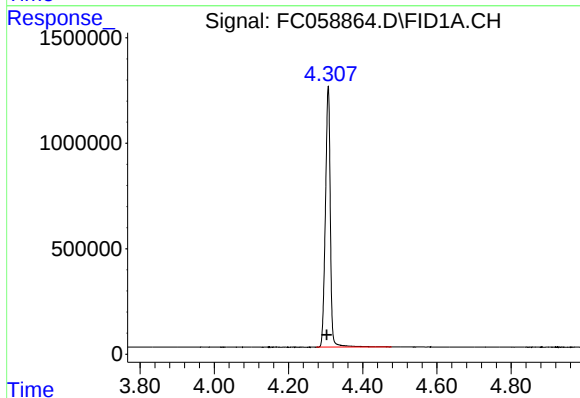
Volume Inj. : 1 ul  
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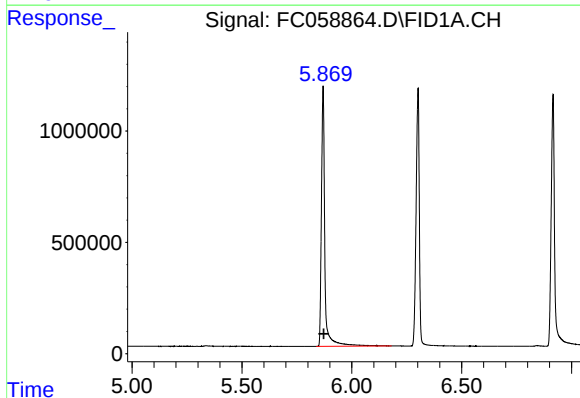
#1 n-Nonane (C9)

R.T.: 3.257 min  
Delta R.T.: 0.002 min  
Response: 11352063  
Conc: 106.79 ug/ml



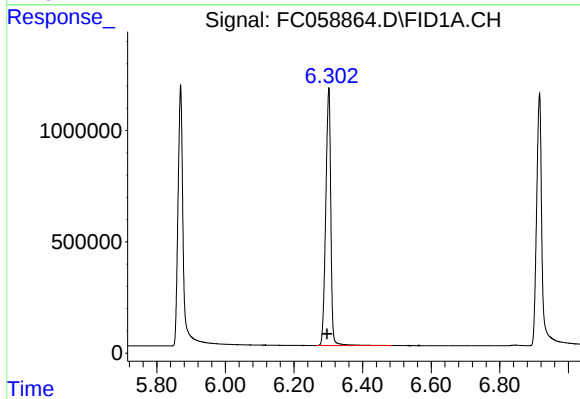
#2 n-Decane (C10)

R.T.: 4.307 min  
Delta R.T.: 0.003 min  
Response: 11323603  
Conc: 106.85 ug/ml



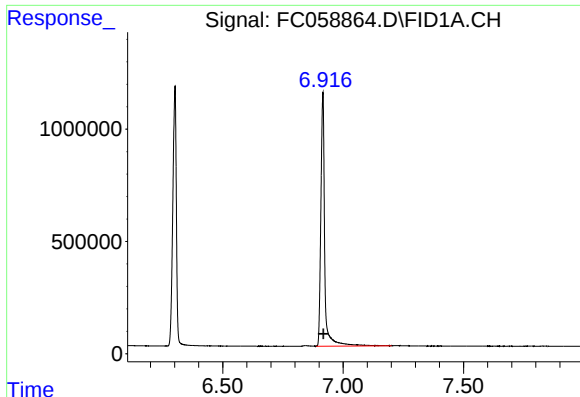
#3 A~Naphthalene (C11.7)

R.T.: 5.869 min  
Delta R.T.: -0.003 min  
Response: 12632881  
Conc: 116.27 ug/ml



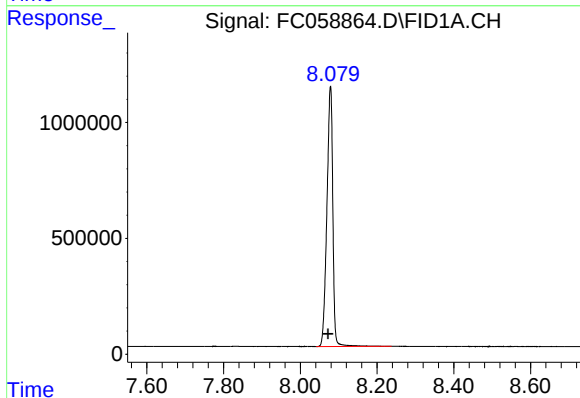
#4 n-Dodecane (C12)

R.T.: 6.301 min  
Delta R.T.: 0.005 min  
Response: 11810025  
Conc: 105.90 ug/ml



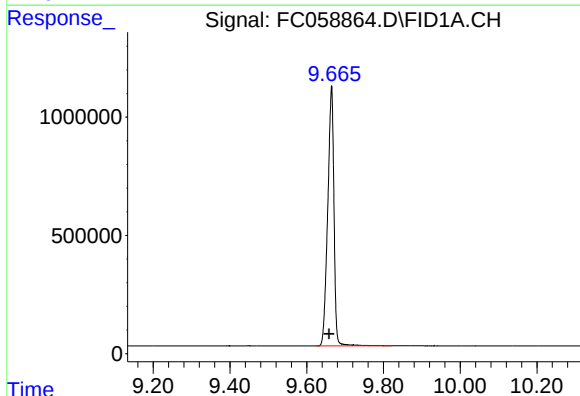
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.915 min  
Delta R.T.: -0.002 min  
Response: 12654962  
Conc: 122.87 ug/ml



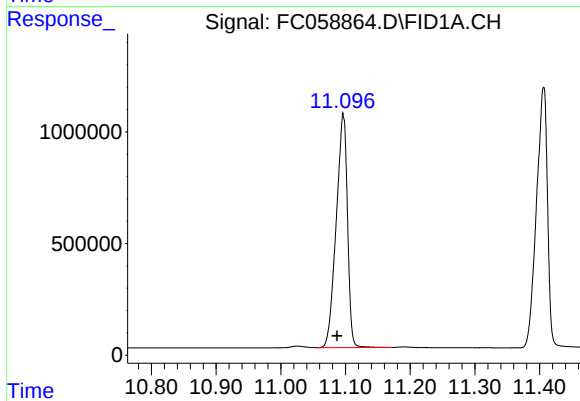
#6 n-Tetradecane (C14)

R.T.: 8.078 min  
Delta R.T.: 0.006 min  
Response: 12010141  
Conc: 106.32 ug/ml



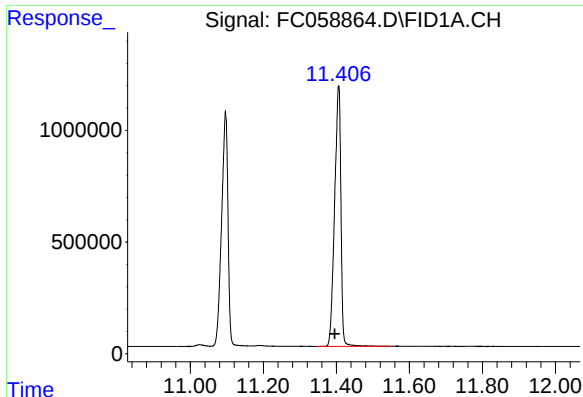
#7 n-Hexadecane (C16)

R.T.: 9.664 min  
Delta R.T.: 0.006 min  
Response: 12336268  
Conc: 105.50 ug/ml



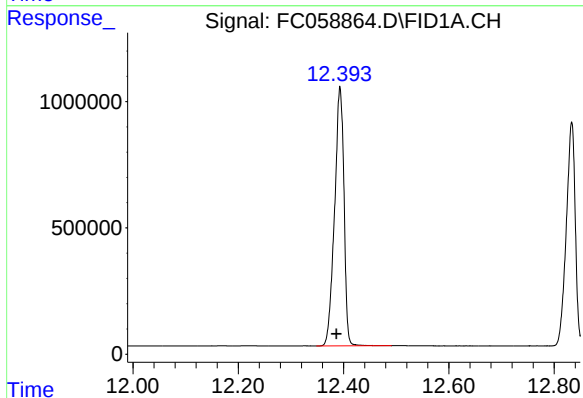
#8 n-Octadecane (C18)

R.T.: 11.096 min  
Delta R.T.: 0.009 min  
Response: 12659609  
Conc: 102.25 ug/ml



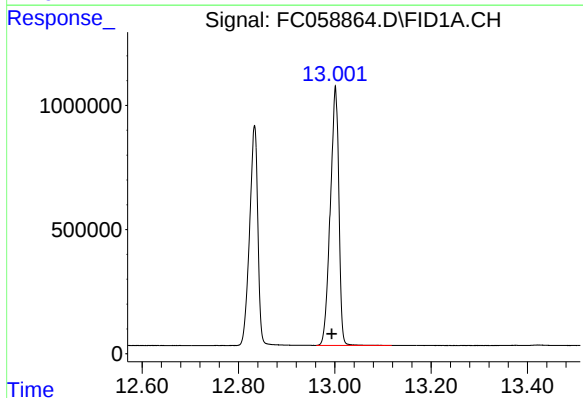
#9 ortho-Terphenyl (SURR)

R.T.: 11.406 min  
Delta R.T.: 0.010 min  
Response: 13935100  
Conc: 102.51 ug/ml



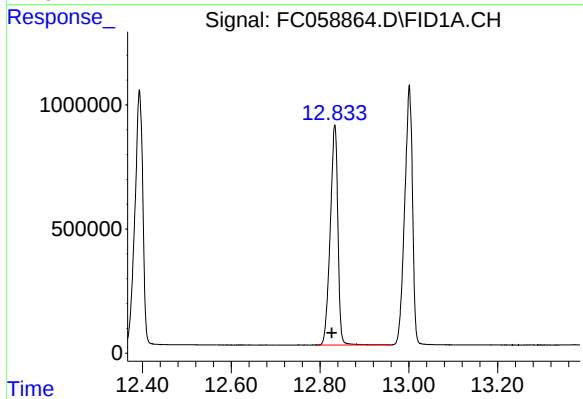
#10 n-Eicosane (C20)

R.T.: 12.393 min  
Delta R.T.: 0.007 min  
Response: 12705027  
Conc: 101.46 ug/ml



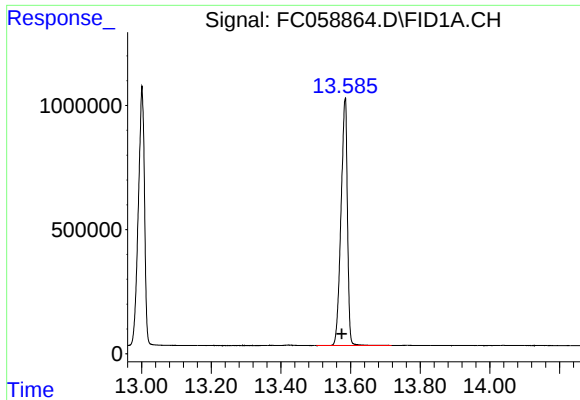
#11 n-Heneicosane (C21)

R.T.: 13.000 min  
Delta R.T.: 0.007 min  
Response: 12783283  
Conc: 101.04 ug/ml



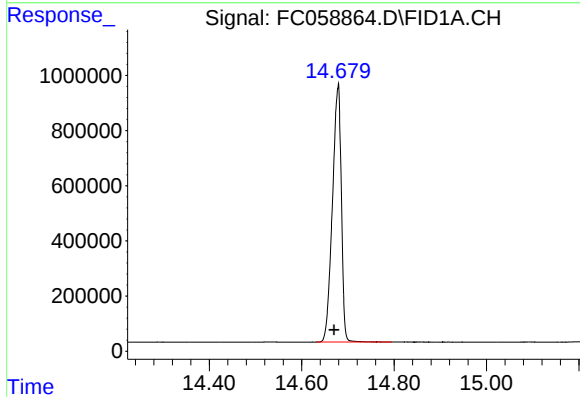
#12 1-chlorooctadecane (SURR)

R.T.: 12.833 min  
Delta R.T.: 0.007 min  
Response: 10593864  
Conc: 105.16 ug/ml



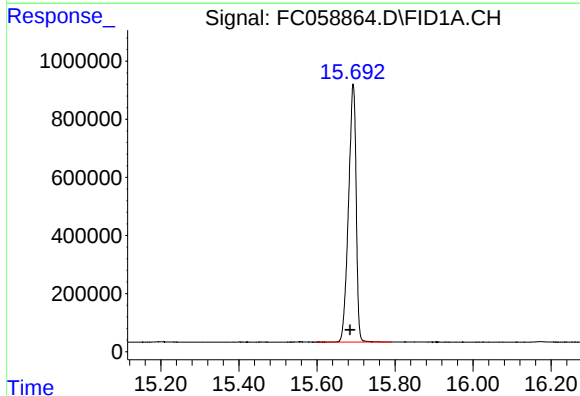
#13 n-Docosane (C22)

R.T.: 13.583 min  
Delta R.T.: 0.008 min  
Response: 12734867  
Conc: 100.73 ug/ml



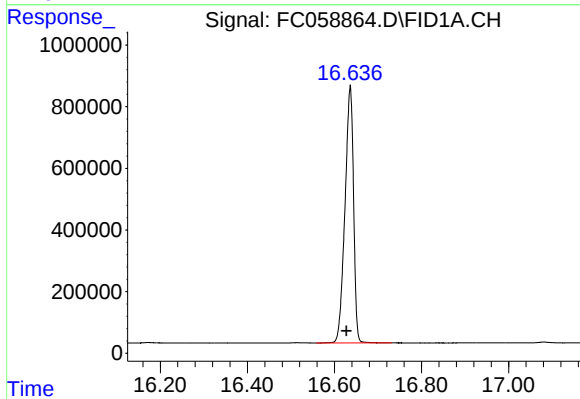
#14 n-Tetracosane (C24)

R.T.: 14.677 min  
Delta R.T.: 0.007 min  
Response: 12499310  
Conc: 99.73 ug/ml



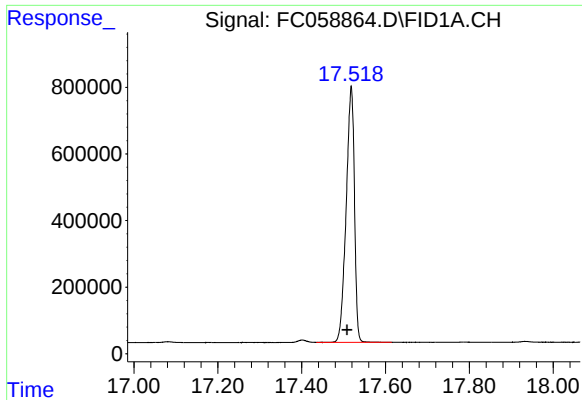
#15 n-Hexacosane (C26)

R.T.: 15.692 min  
Delta R.T.: 0.007 min  
Response: 12026393  
Conc: 99.89 ug/ml



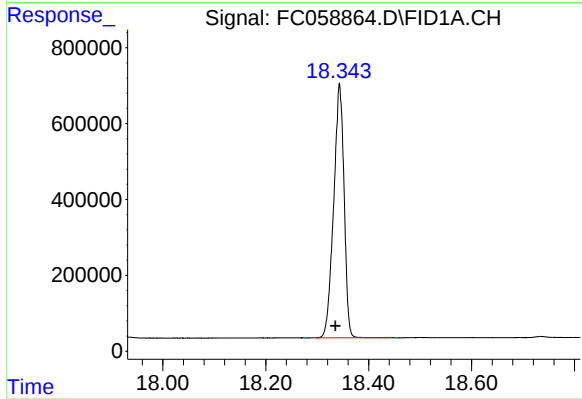
#16 n-Octacosane (C28)

R.T.: 16.635 min  
Delta R.T.: 0.007 min  
Response: 11396209  
Conc: 99.87 ug/ml



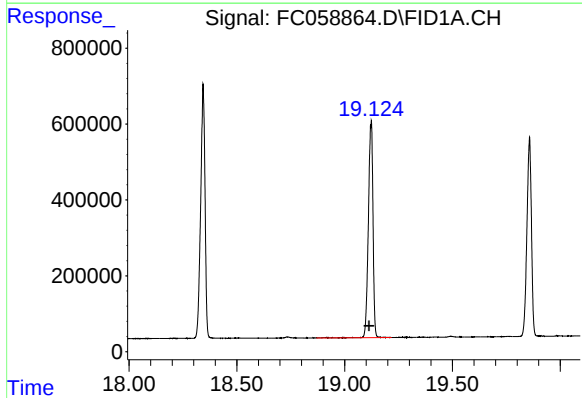
#17 n-Tricontane (C30)

R.T.: 17.517 min  
Delta R.T.: 0.009 min  
Response: 10542893  
Conc: 100.23 ug/ml



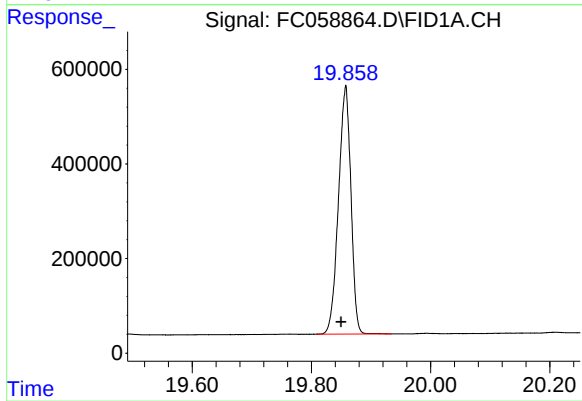
#18 n-Dotriacontane (C32)

R.T.: 18.343 min  
Delta R.T.: 0.008 min  
Response: 9405118  
Conc: 100.52 ug/ml



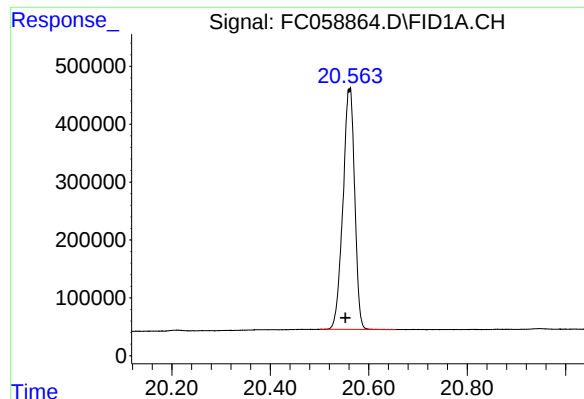
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min  
Delta R.T.: 0.008 min  
Response: 8449430  
Conc: 102.15 ug/ml



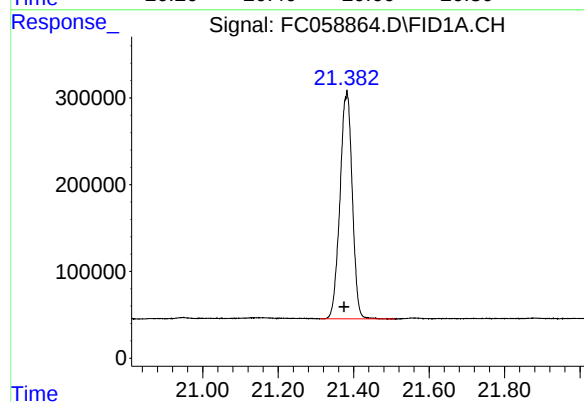
#20 n-Hexatriacontane (C36)

R.T.: 19.857 min  
Delta R.T.: 0.007 min  
Response: 7615801  
Conc: 104.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.561 min  
Delta R.T.: 0.008 min  
Response: 6890141  
Conc: 113.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.381 min  
Delta R.T.: 0.007 min  
Response: 5903347  
Conc: 136.87 ug/ml