

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092920AL\  
 Data File : FC049826.D  
 Signal(s) : FID1A.CH  
 Acq On : 30 Sep 2020 4:42  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 30 05:41:22 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 05:58:47 2020  
 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)    | 11.662 | 2189314    | 19.055 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.11%       |
| 12) S 1-chlorooctadecane (S... | 13.095 | 1675260    | 18.808 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.62%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.396  | 2224843    | 21.506 ug/ml |
| 2) T n-Decane (C10)            | 4.469  | 2242078    | 21.586 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.067  | 2406343    | 20.929 ug/ml |
| 4) T n-Dodecane (C12)          | 6.494  | 2243647    | 21.226 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.126  | 2408923    | 20.604 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.292  | 2170540    | 20.575 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.895  | 2076143    | 19.950 ug/ml |
| 8) T n-Octadecane (C18)        | 11.339 | 2098710    | 19.528 ug/ml |
| 10) T n-Eicosane (C20)         | 12.649 | 2045703    | 19.104 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.262 | 2015490    | 18.939 ug/ml |
| 13) T n-Docosane (C22)         | 13.848 | 1994591    | 18.848 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.951 | 1951559    | 18.650 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.971 | 1926516    | 18.845 ug/ml |
| 16) T n-Octacosane (C28)       | 16.922 | 1943624    | 19.340 ug/ml |
| 17) T n-Tricontane (C30)       | 17.809 | 1893061    | 19.443 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.641 | 2135547    | 23.633 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.424 | 1890471    | 22.084 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.162 | 2249807    | 27.925 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.914 | 2664764    | 35.199 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.864 | 1698422    | 21.828 ug/ml |
| -----                          |        |            |              |

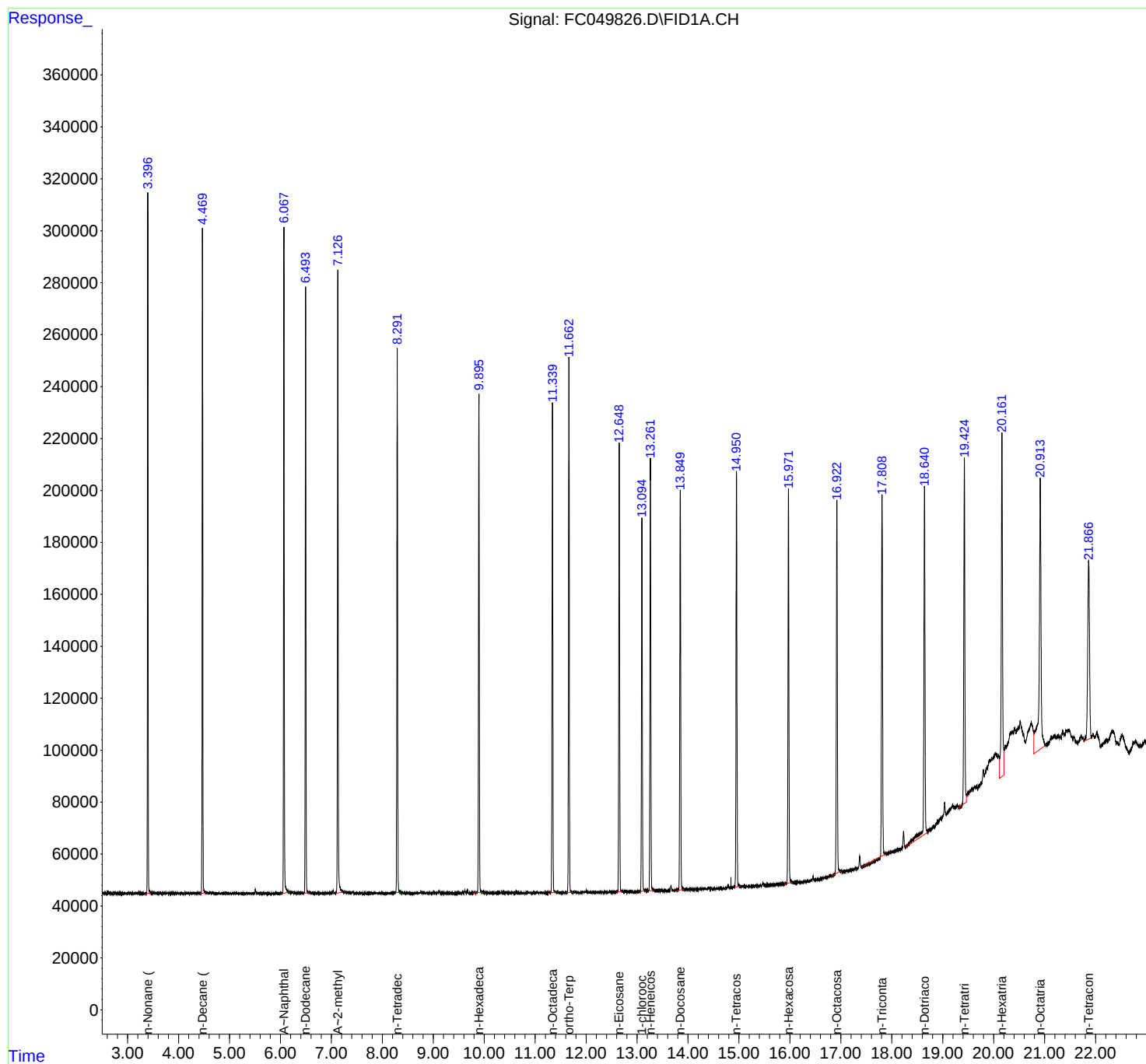
(f)=RT Delta > 1/2 Window

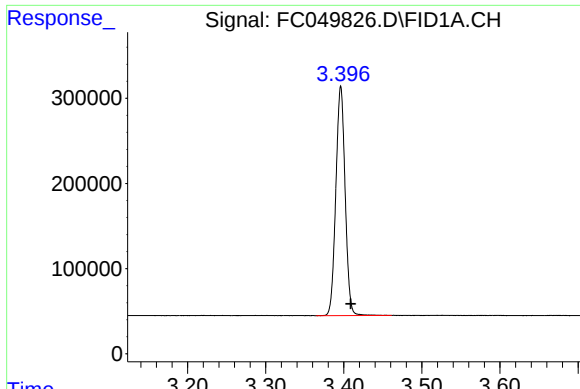
(m)=manual int.

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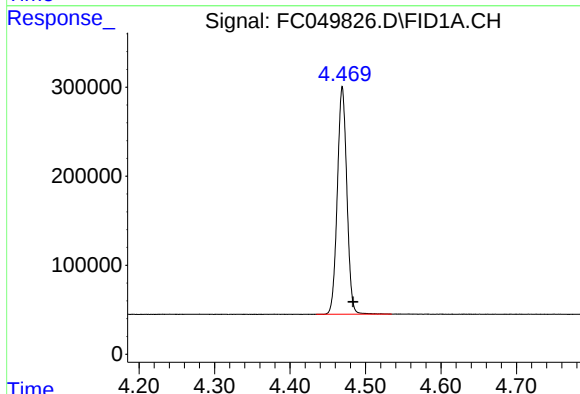
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





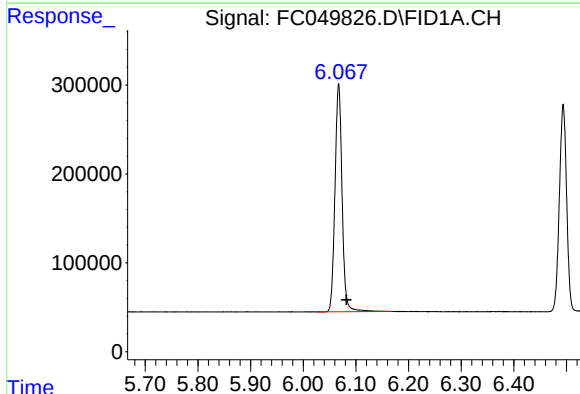
#1 n-Nonane (C9)

R.T.: 3.396 min  
Delta R.T.: -0.013 min  
Response: 2224843  
Conc: 21.51 ug/ml



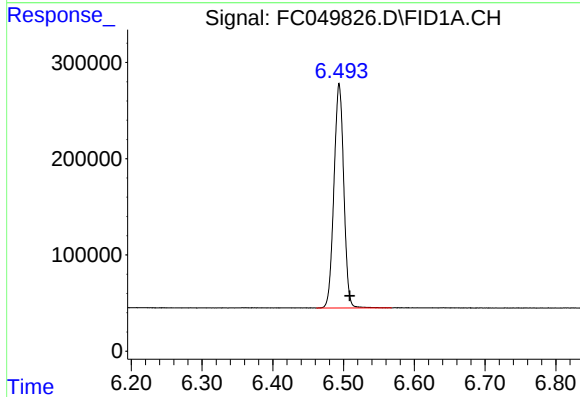
#2 n-Decane (C10)

R.T.: 4.469 min  
Delta R.T.: -0.014 min  
Response: 2242078  
Conc: 21.59 ug/ml



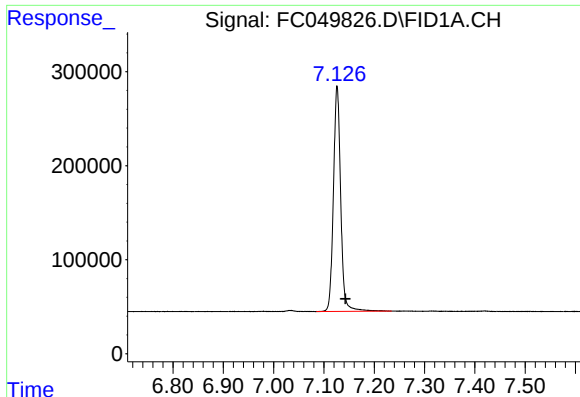
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min  
Delta R.T.: -0.014 min  
Response: 2406343  
Conc: 20.93 ug/ml



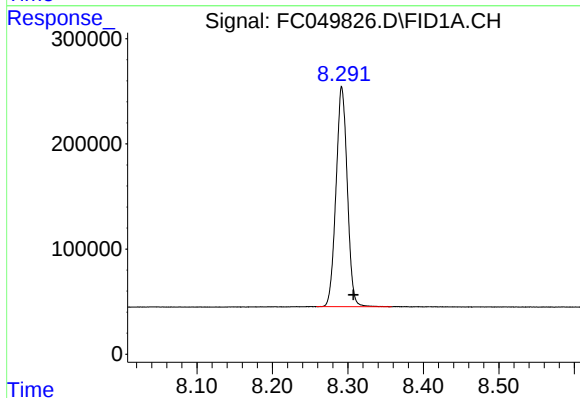
#4 n-Dodecane (C12)

R.T.: 6.494 min  
Delta R.T.: -0.015 min  
Response: 2243647  
Conc: 21.23 ug/ml



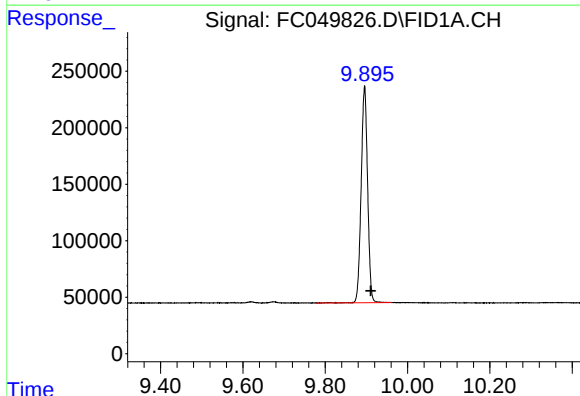
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.126 min  
Delta R.T.: -0.016 min  
Response: 2408923  
Conc: 20.60 ug/ml



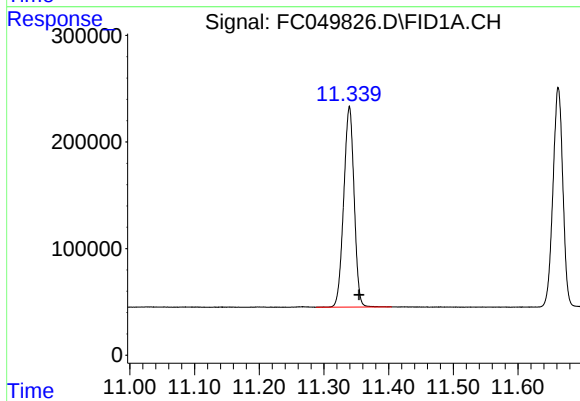
#6 n-Tetradecane (C14)

R.T.: 8.292 min  
Delta R.T.: -0.015 min  
Response: 2170540  
Conc: 20.57 ug/ml



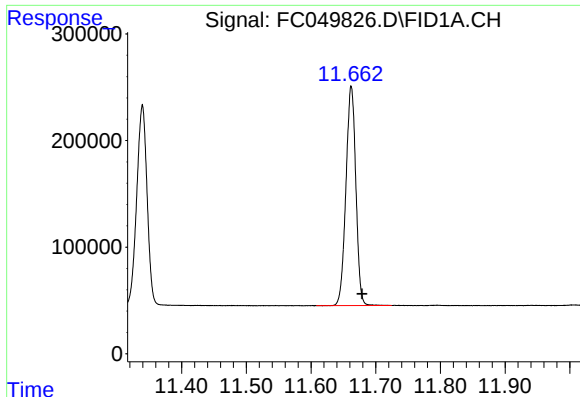
#7 n-Hexadecane (C16)

R.T.: 9.895 min  
Delta R.T.: -0.015 min  
Response: 2076143  
Conc: 19.95 ug/ml



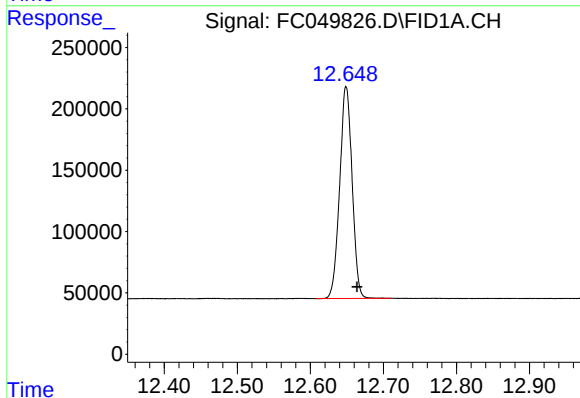
#8 n-Octadecane (C18)

R.T.: 11.339 min  
Delta R.T.: -0.015 min  
Response: 2098710  
Conc: 19.53 ug/ml



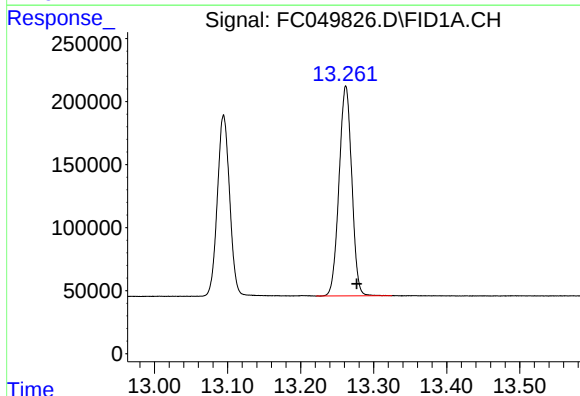
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min  
Delta R.T.: -0.017 min  
Response: 2189314  
Conc: 19.05 ug/ml



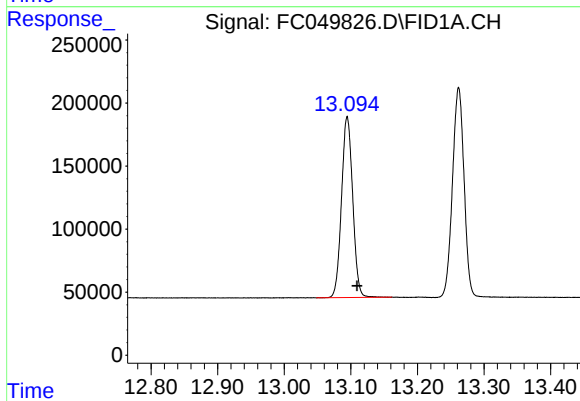
#10 n-Eicosane (C20)

R.T.: 12.649 min  
Delta R.T.: -0.015 min  
Response: 2045703  
Conc: 19.10 ug/ml



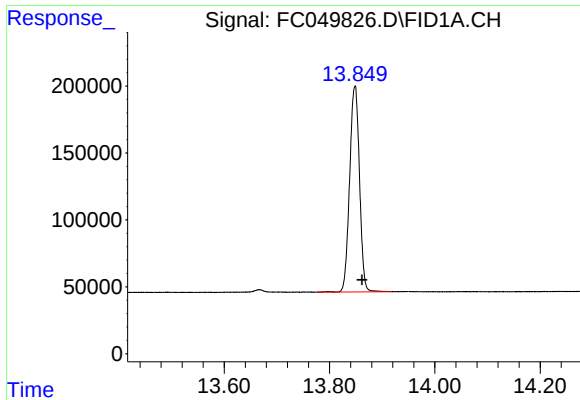
#11 n-Heneicosane (C21)

R.T.: 13.262 min  
Delta R.T.: -0.015 min  
Response: 2015490  
Conc: 18.94 ug/ml



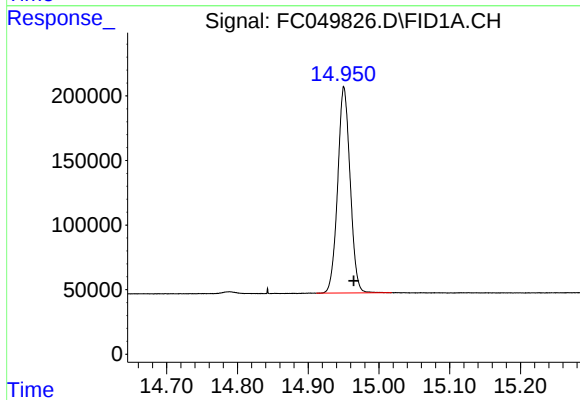
#12 1-chlorooctadecane (SURR)

R.T.: 13.095 min  
Delta R.T.: -0.015 min  
Response: 1675260  
Conc: 18.81 ug/ml



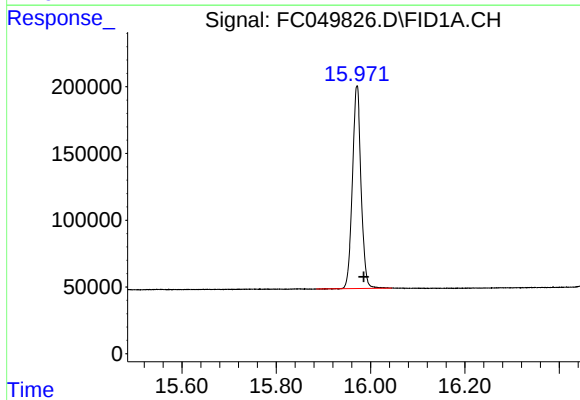
#13 n-Docosane (C22)

R.T.: 13.848 min  
Delta R.T.: -0.014 min  
Response: 1994591  
Conc: 18.85 ug/ml



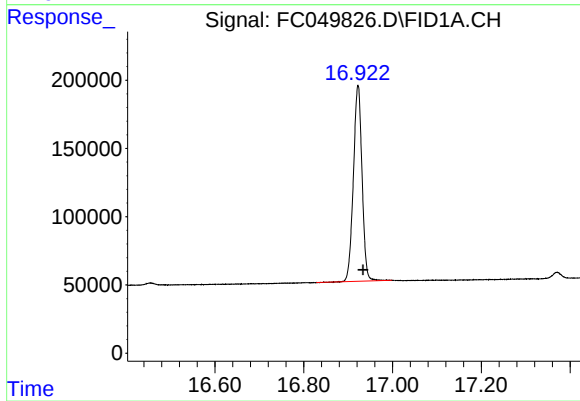
#14 n-Tetracosane (C24)

R.T.: 14.951 min  
Delta R.T.: -0.014 min  
Response: 1951559  
Conc: 18.65 ug/ml



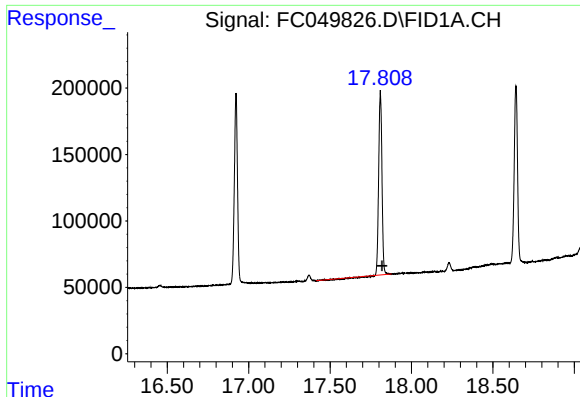
#15 n-Hexacosane (C26)

R.T.: 15.971 min  
Delta R.T.: -0.015 min  
Response: 1926516  
Conc: 18.85 ug/ml



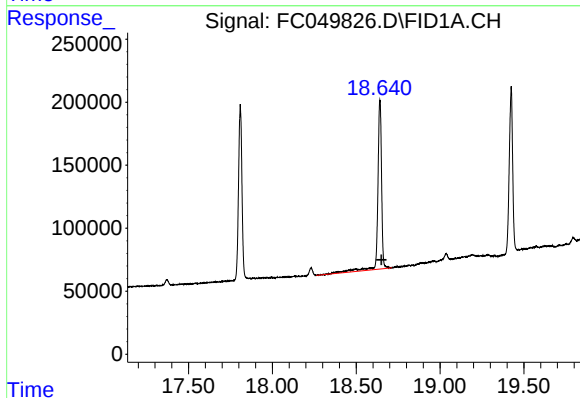
#16 n-Octacosane (C28)

R.T.: 16.922 min  
Delta R.T.: -0.011 min  
Response: 1943624  
Conc: 19.34 ug/ml



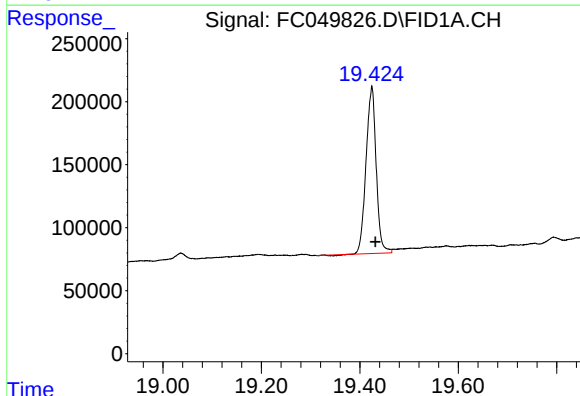
#17 n-Tricontane (C30)

R.T.: 17.809 min  
Delta R.T.: -0.011 min  
Response: 1893061  
Conc: 19.44 ug/ml



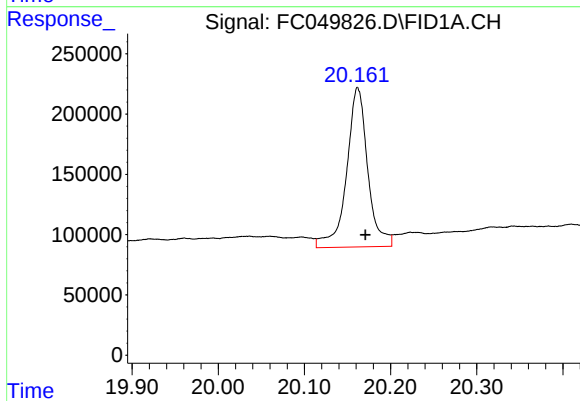
#18 n-Dotriacontane (C32)

R.T.: 18.641 min  
Delta R.T.: -0.009 min  
Response: 2135547  
Conc: 23.63 ug/ml



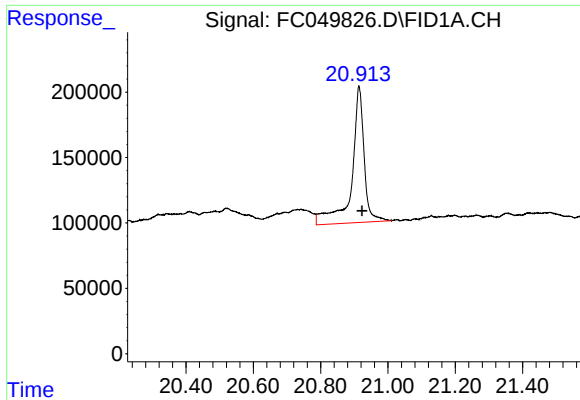
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min  
Delta R.T.: -0.008 min  
Response: 1890471  
Conc: 22.08 ug/ml



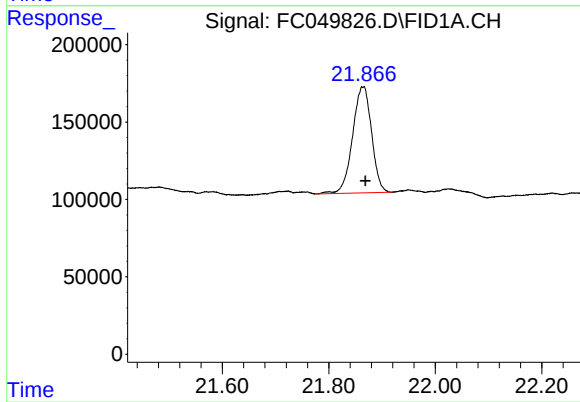
#20 n-Hexatriacontane (C36)

R.T.: 20.162 min  
Delta R.T.: -0.009 min  
Response: 2249807  
Conc: 27.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min  
Delta R.T.: -0.009 min  
Response: 2664764  
Conc: 35.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.864 min  
Delta R.T.: -0.005 min  
Response: 1698422  
Conc: 21.83 ug/ml