

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092421AL\  
 Data File : FC055832.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 Sep 2021 6:26  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 25 06:51:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 21 03:14:48 2021  
 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)    | 11.645 | 2421969    | 19.179 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.36%       |
| 12) S 1-chlorooctadecane (S... | 13.077 | 1892750    | 19.156 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.31%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.398  | 2240685    | 20.162 ug/ml |
| 2) T n-Decane (C10)            | 4.466  | 2298395    | 20.519 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.057  | 2584685    | 20.589 ug/ml |
| 4) T n-Dodecane (C12)          | 6.486  | 2340286    | 20.914 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.114  | 2607484    | 20.623 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.281  | 2372932    | 20.963 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.881  | 2369854    | 20.742 ug/ml |
| 8) T n-Octadecane (C18)        | 11.323 | 2378216    | 20.043 ug/ml |
| 10) T n-Eicosane (C20)         | 12.632 | 2287207    | 19.377 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.244 | 2259283    | 18.937 ug/ml |
| 13) T n-Docosane (C22)         | 13.830 | 2207811    | 18.635 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.931 | 2126232    | 17.969 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.952 | 2018092    | 17.711 ug/ml |
| 16) T n-Octacosane (C28)       | 16.900 | 1951644    | 17.942 ug/ml |
| 17) T n-Tricontane (C30)       | 17.786 | 1920430    | 18.984 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.616 | 1878104    | 20.554 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.399 | 1831927    | 21.213 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.137 | 1756891    | 20.657 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.879 | 1699462    | 22.326 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.806 | 1781357    | 25.431 ug/ml |
| -----                          |        |            |              |

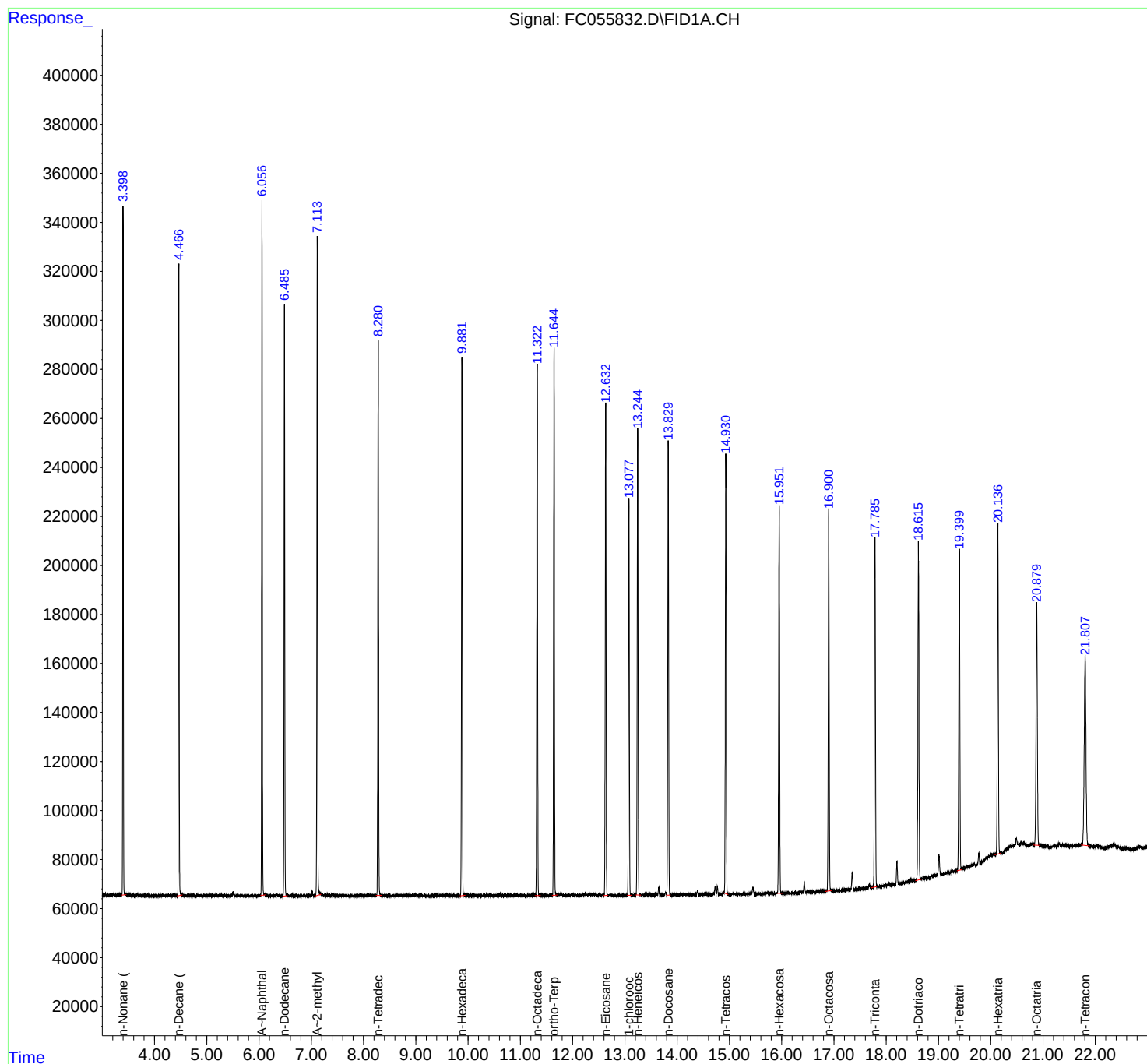
(f)=RT Delta > 1/2 Window

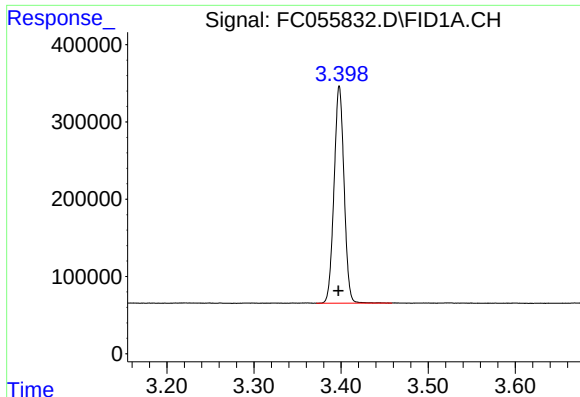
(m)=manual int.

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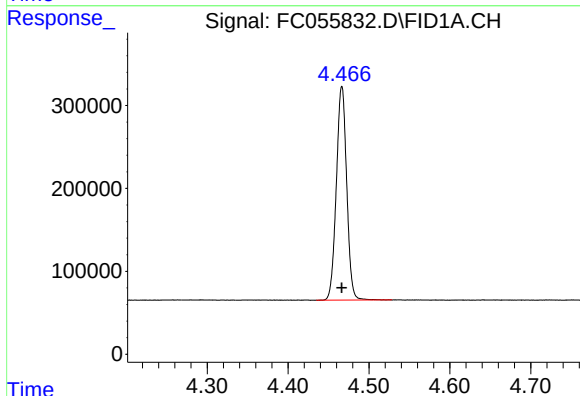
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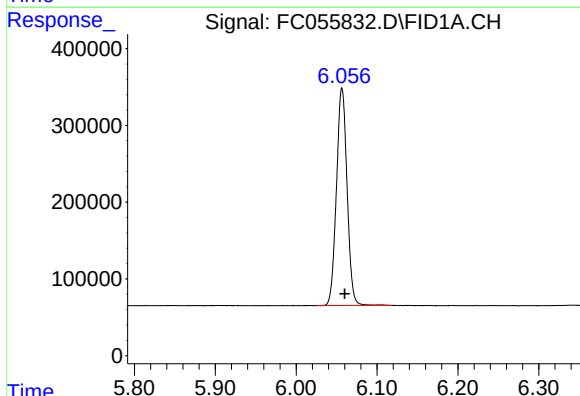
#1 n-Nonane (C9)

R.T.: 3.398 min  
Delta R.T.: 0.001 min  
Response: 2240685  
Conc: 20.16 ug/ml



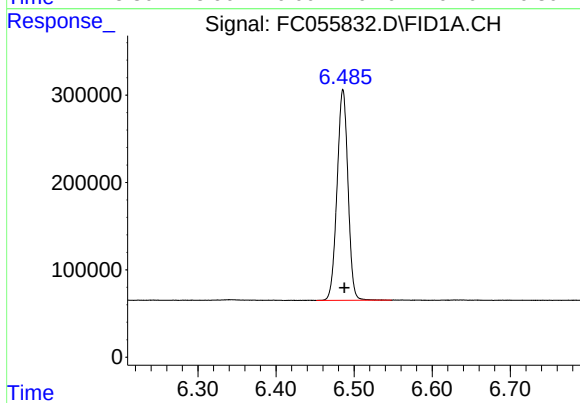
#2 n-Decane (C10)

R.T.: 4.466 min  
Delta R.T.: 0.000 min  
Response: 2298395  
Conc: 20.52 ug/ml



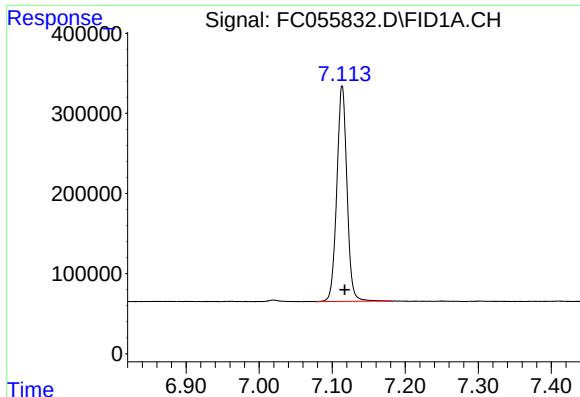
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min  
Delta R.T.: -0.003 min  
Response: 2584685  
Conc: 20.59 ug/ml



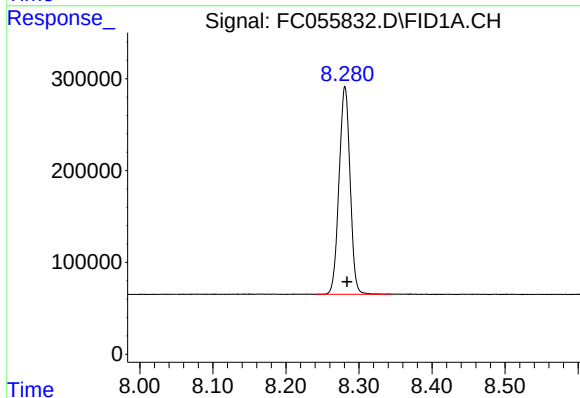
#4 n-Dodecane (C12)

R.T.: 6.486 min  
Delta R.T.: -0.002 min  
Response: 2340286  
Conc: 20.91 ug/ml



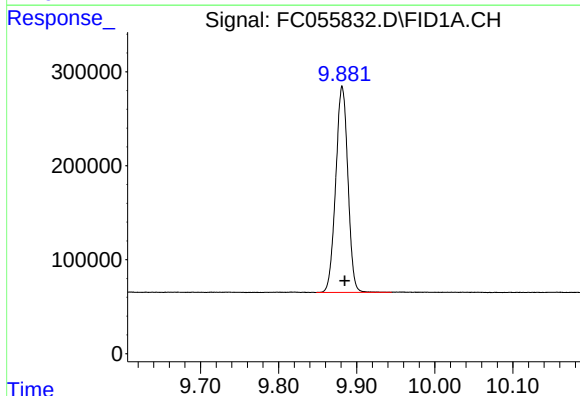
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.114 min  
Delta R.T.: -0.004 min  
Response: 2607484  
Conc: 20.62 ug/ml



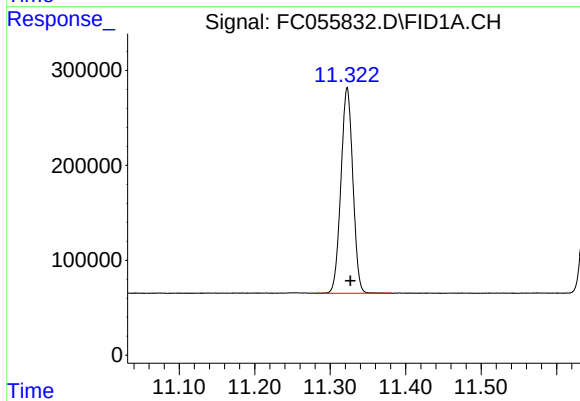
#6 n-Tetradecane (C14)

R.T.: 8.281 min  
Delta R.T.: -0.003 min  
Response: 2372932  
Conc: 20.96 ug/ml



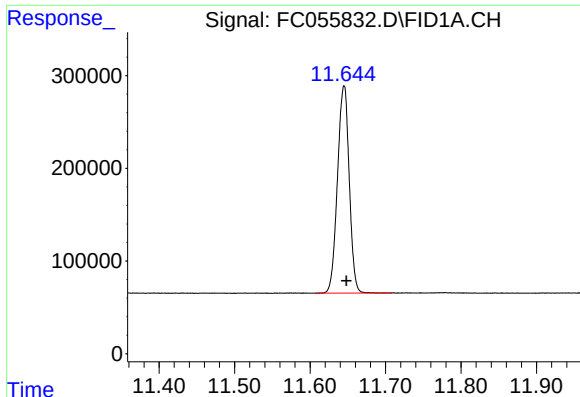
#7 n-Hexadecane (C16)

R.T.: 9.881 min  
Delta R.T.: -0.003 min  
Response: 2369854  
Conc: 20.74 ug/ml



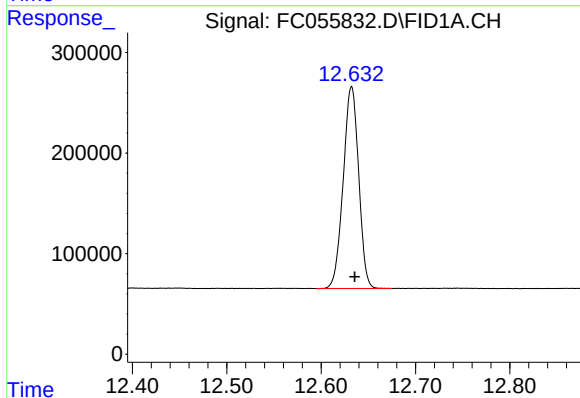
#8 n-Octadecane (C18)

R.T.: 11.323 min  
Delta R.T.: -0.004 min  
Response: 2378216  
Conc: 20.04 ug/ml



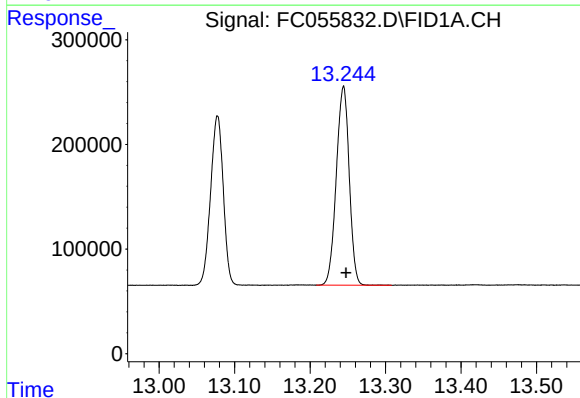
#9 ortho-Terphenyl (SURRE)

R.T.: 11.645 min  
Delta R.T.: -0.004 min  
Response: 2421969  
Conc: 19.18 ug/ml



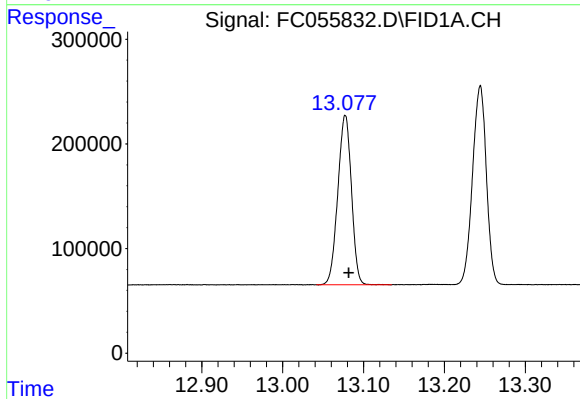
#10 n-Eicosane (C20)

R.T.: 12.632 min  
Delta R.T.: -0.003 min  
Response: 2287207  
Conc: 19.38 ug/ml



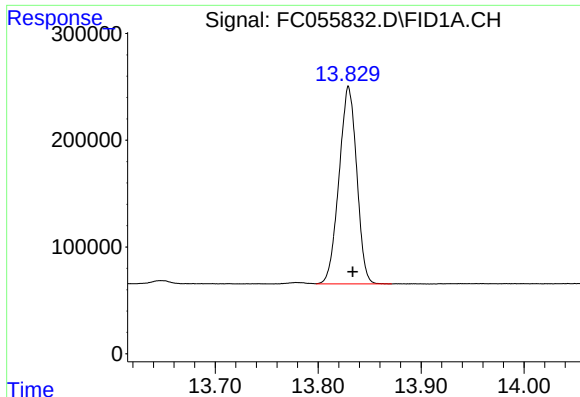
#11 n-Heneicosane (C21)

R.T.: 13.244 min  
Delta R.T.: -0.004 min  
Response: 2259283  
Conc: 18.94 ug/ml



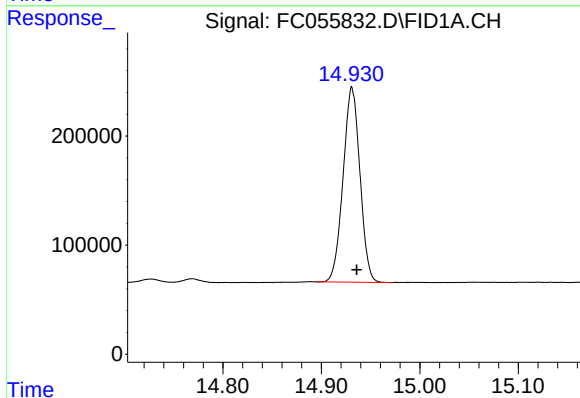
#12 1-chlorooctadecane (SURRE)

R.T.: 13.077 min  
Delta R.T.: -0.004 min  
Response: 1892750  
Conc: 19.16 ug/ml



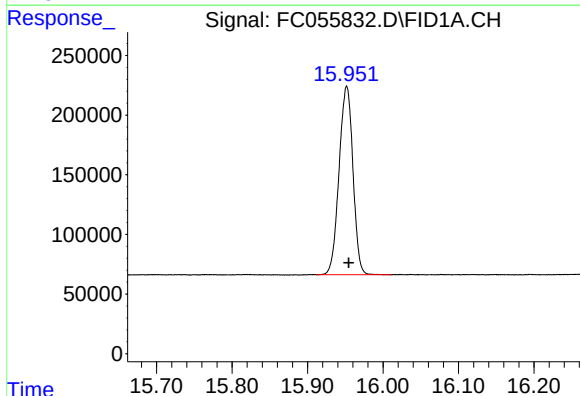
#13 n-Docosane (C22)

R.T.: 13.830 min  
Delta R.T.: -0.004 min  
Response: 2207811  
Conc: 18.64 ug/ml



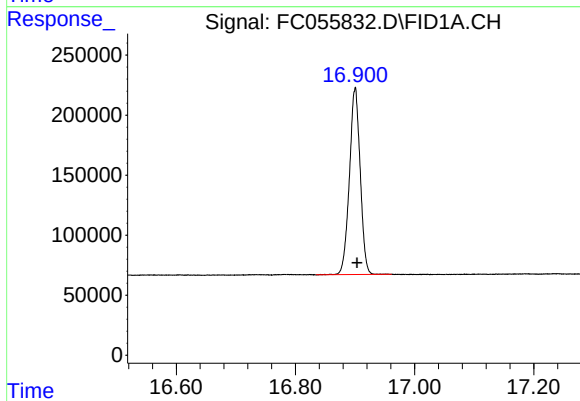
#14 n-Tetracosane (C24)

R.T.: 14.931 min  
Delta R.T.: -0.005 min  
Response: 2126232  
Conc: 17.97 ug/ml



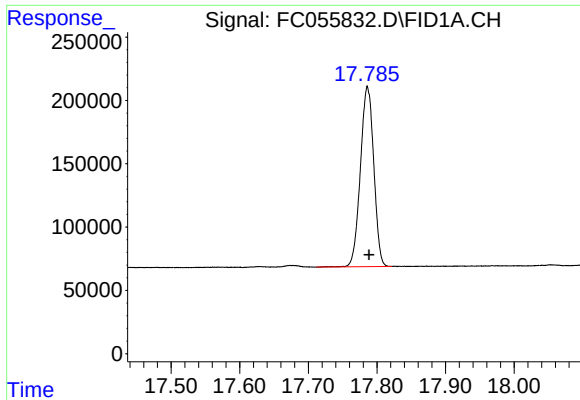
#15 n-Hexacosane (C26)

R.T.: 15.952 min  
Delta R.T.: -0.003 min  
Response: 2018092  
Conc: 17.71 ug/ml



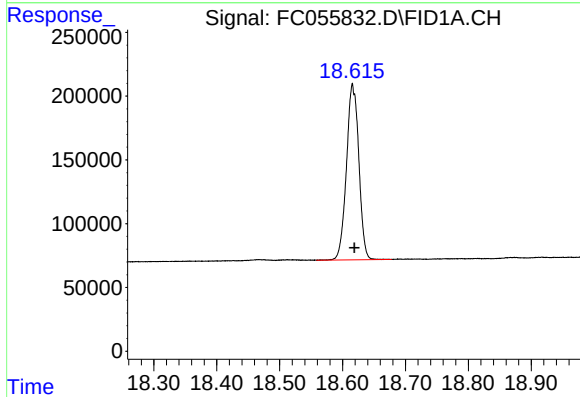
#16 n-Octacosane (C28)

R.T.: 16.900 min  
Delta R.T.: -0.003 min  
Response: 1951644  
Conc: 17.94 ug/ml



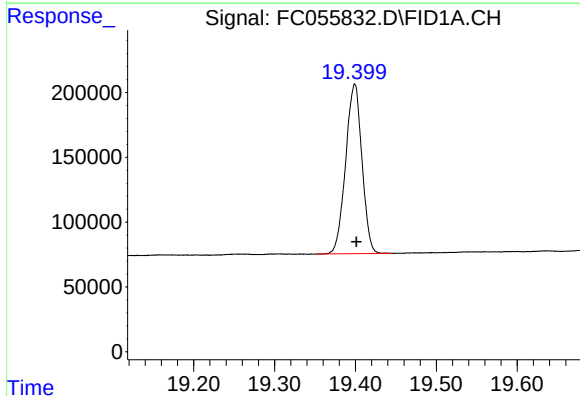
#17 n-Tricontane (C30)

R.T.: 17.786 min  
Delta R.T.: -0.002 min  
Response: 1920430  
Conc: 18.98 ug/ml



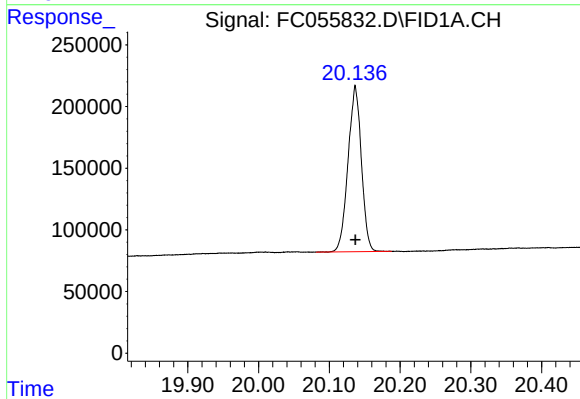
#18 n-Dotriacontane (C32)

R.T.: 18.616 min  
Delta R.T.: -0.002 min  
Response: 1878104  
Conc: 20.55 ug/ml



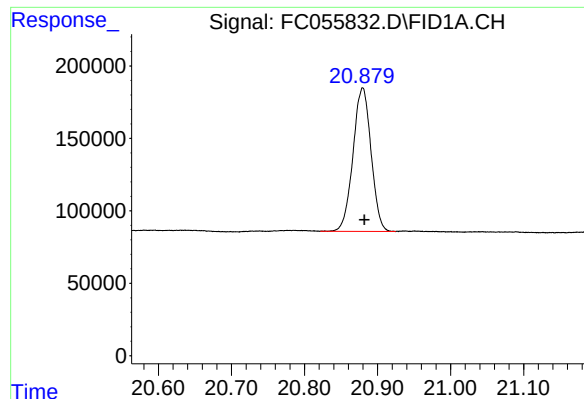
#19 n-Tetratriacontane (C34)

R.T.: 19.399 min  
Delta R.T.: -0.002 min  
Response: 1831927  
Conc: 21.21 ug/ml



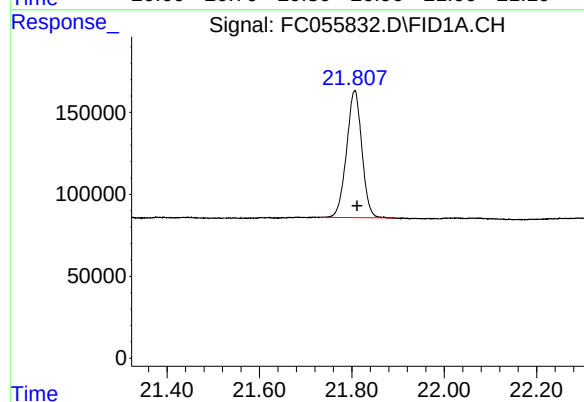
#20 n-Hexatriacontane (C36)

R.T.: 20.137 min  
Delta R.T.: 0.000 min  
Response: 1756891  
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.879 min  
Delta R.T.: -0.003 min  
Response: 1699462  
Conc: 22.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.806 min  
Delta R.T.: -0.006 min  
Response: 1781357  
Conc: 25.43 ug/ml