

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091021AL\  
 Data File : FC055569.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Sep 2021 10:46  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 10 22:53:36 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 01:45:39 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)    | 11.650 | 2512314    | 20.110 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.22%       |
| 12) S 1-chlorooctadecane (S... | 13.083 | 1940146    | 19.604 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.21%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.397  | 2404530    | 22.245 ug/ml |
| 2) T n-Decane (C10)            | 4.466  | 2465526    | 22.611 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.058  | 2750389    | 22.321 ug/ml |
| 4) T n-Dodecane (C12)          | 6.488  | 2472535    | 22.581 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.116  | 2762425    | 22.198 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.285  | 2483426    | 22.298 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.886  | 2458500    | 21.754 ug/ml |
| 8) T n-Octadecane (C18)        | 11.329 | 2452775    | 21.067 ug/ml |
| 10) T n-Eicosane (C20)         | 12.638 | 2348190    | 20.096 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.249 | 2320158    | 19.713 ug/ml |
| 13) T n-Docosane (C22)         | 13.835 | 2252250    | 19.308 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.938 | 2155684    | 18.510 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.957 | 2030864    | 17.927 ug/ml |
| 16) T n-Octacosane (C28)       | 16.905 | 1953955    | 17.658 ug/ml |
| 17) T n-Tricontane (C30)       | 17.792 | 1881255    | 17.692 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.623 | 1836297    | 18.323 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.405 | 1833415    | 19.426 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.142 | 1780606    | 20.508 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.888 | 1738389    | 21.328 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.817 | 1790158    | 22.289 ug/ml |
| -----                          |        |            |              |

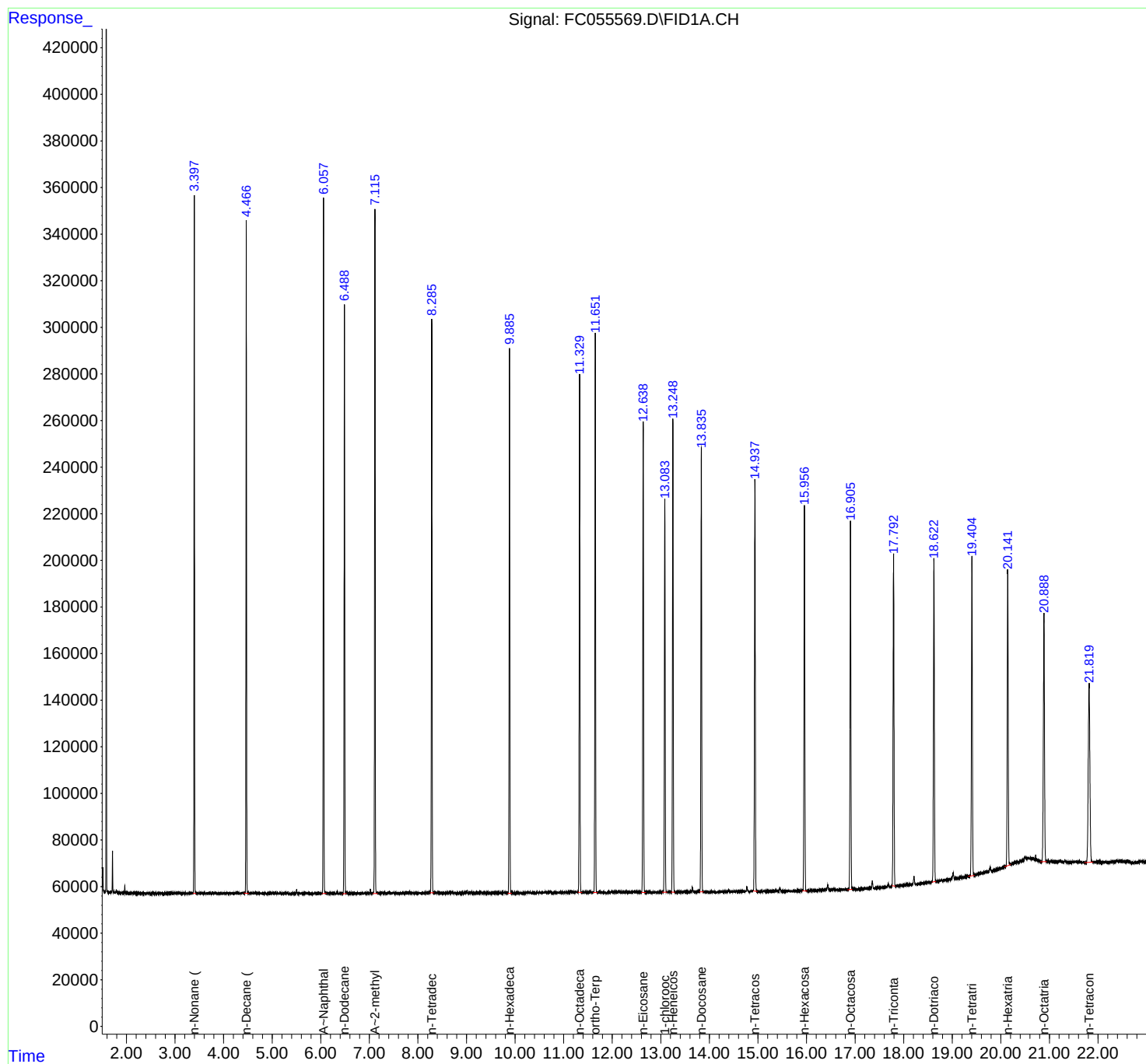
(f)=RT Delta > 1/2 Window

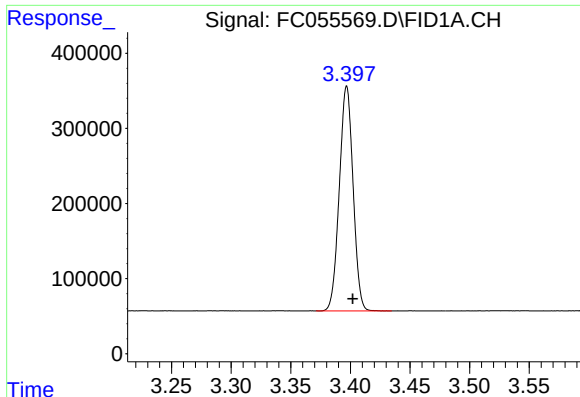
(m)=manual int.

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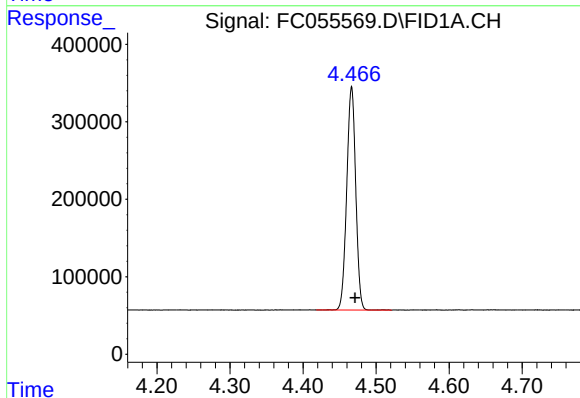
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





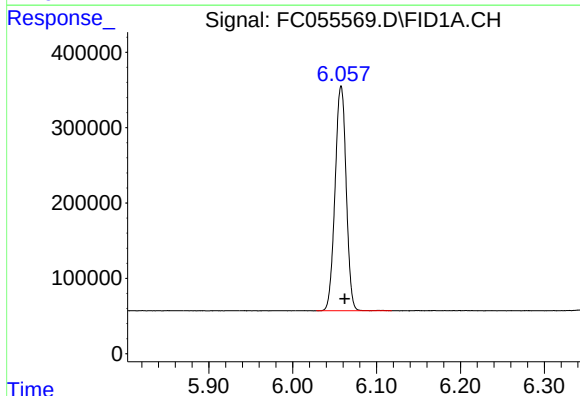
#1 n-Nonane (C9)

R.T.: 3.397 min  
Delta R.T.: -0.005 min  
Response: 2404530  
Conc: 22.24 ug/ml



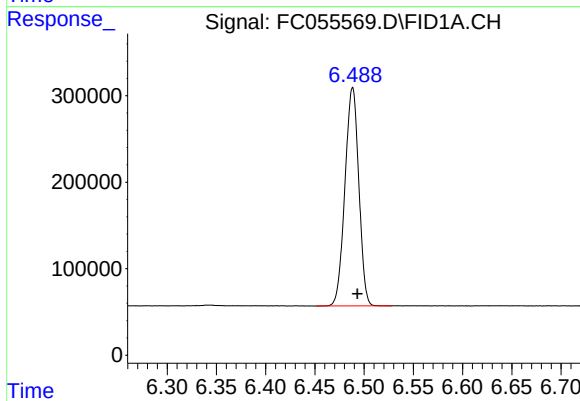
#2 n-Decane (C10)

R.T.: 4.466 min  
Delta R.T.: -0.005 min  
Response: 2465526  
Conc: 22.61 ug/ml



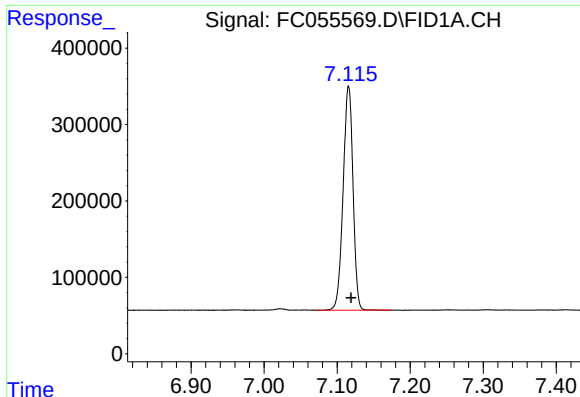
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min  
Delta R.T.: -0.004 min  
Response: 2750389  
Conc: 22.32 ug/ml



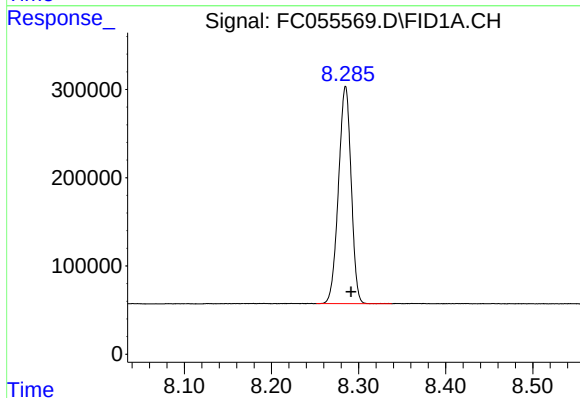
#4 n-Dodecane (C12)

R.T.: 6.488 min  
Delta R.T.: -0.005 min  
Response: 2472535  
Conc: 22.58 ug/ml



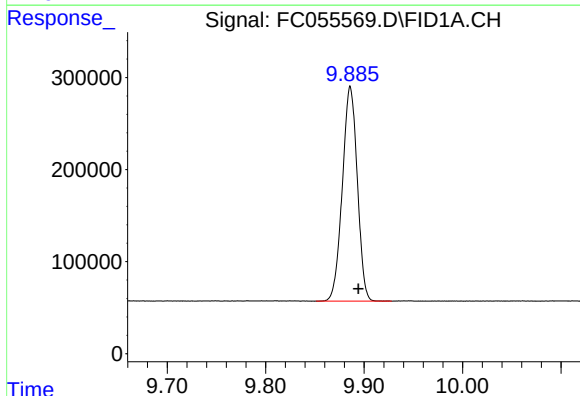
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min  
Delta R.T.: -0.004 min  
Response: 2762425  
Conc: 22.20 ug/ml



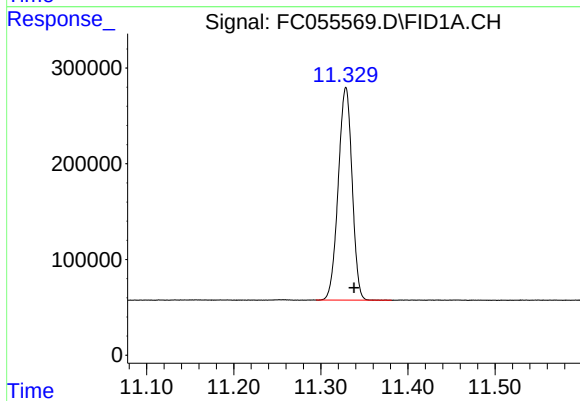
#6 n-Tetradecane (C14)

R.T.: 8.285 min  
Delta R.T.: -0.006 min  
Response: 2483426  
Conc: 22.30 ug/ml



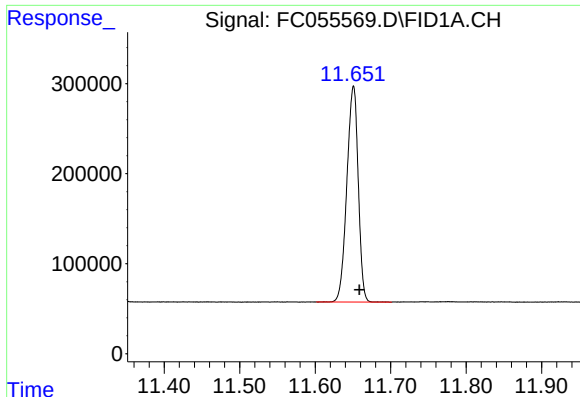
#7 n-Hexadecane (C16)

R.T.: 9.886 min  
Delta R.T.: -0.008 min  
Response: 2458500  
Conc: 21.75 ug/ml



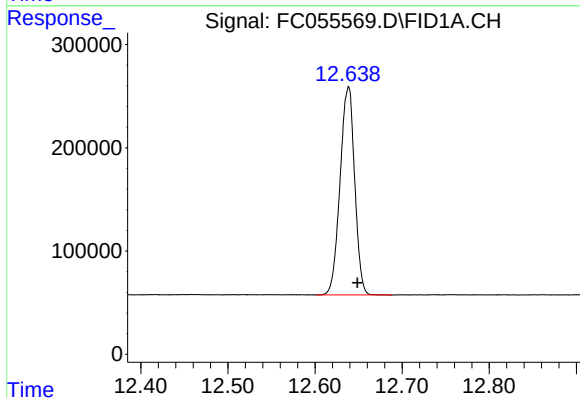
#8 n-Octadecane (C18)

R.T.: 11.329 min  
Delta R.T.: -0.010 min  
Response: 2452775  
Conc: 21.07 ug/ml



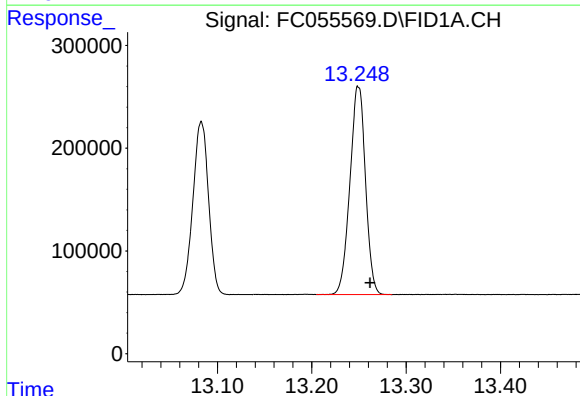
#9 ortho-Terphenyl (SURR)

R.T.: 11.650 min  
Delta R.T.: -0.008 min  
Response: 2512314  
Conc: 20.11 ug/ml



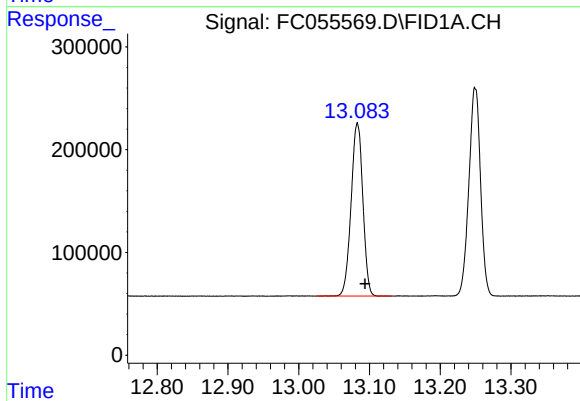
#10 n-Eicosane (C20)

R.T.: 12.638 min  
Delta R.T.: -0.011 min  
Response: 2348190  
Conc: 20.10 ug/ml



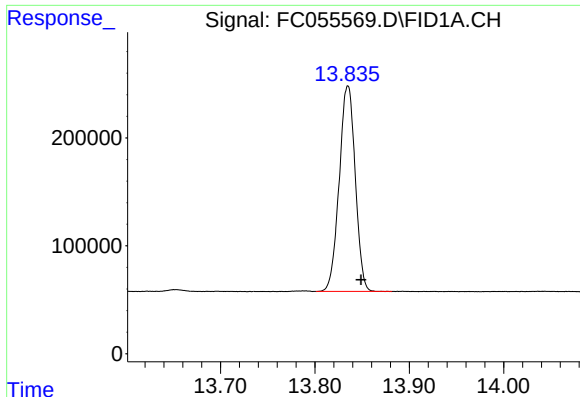
#11 n-Heneicosane (C21)

R.T.: 13.249 min  
Delta R.T.: -0.013 min  
Response: 2320158  
Conc: 19.71 ug/ml



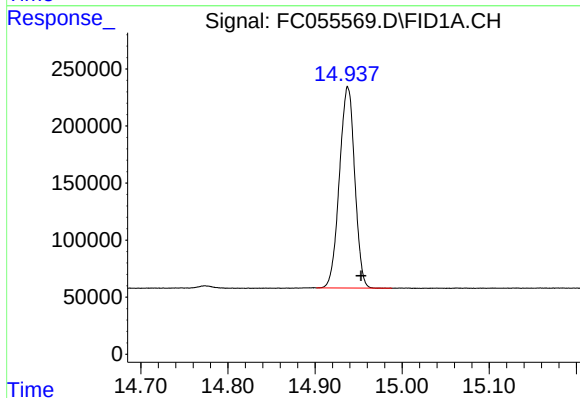
#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min  
Delta R.T.: -0.011 min  
Response: 1940146  
Conc: 19.60 ug/ml



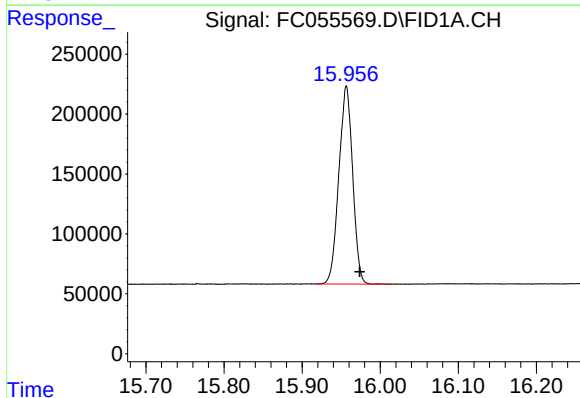
#13 n-Docosane (C22)

R.T.: 13.835 min  
Delta R.T.: -0.014 min  
Response: 2252250  
Conc: 19.31 ug/ml



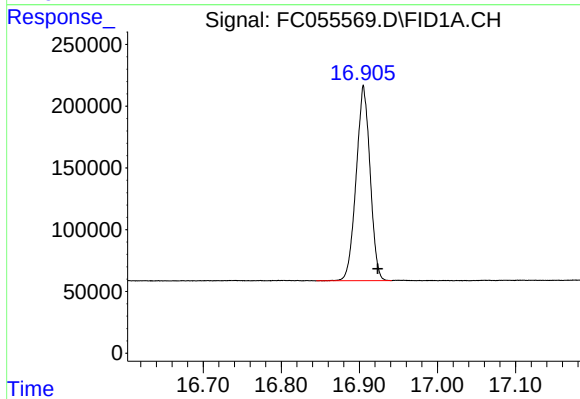
#14 n-Tetracosane (C24)

R.T.: 14.938 min  
Delta R.T.: -0.015 min  
Response: 2155684  
Conc: 18.51 ug/ml



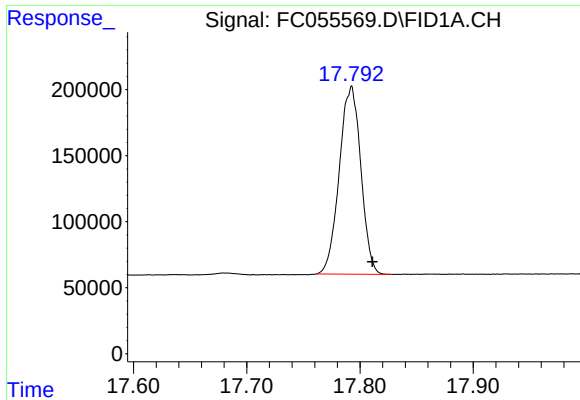
#15 n-Hexacosane (C26)

R.T.: 15.957 min  
Delta R.T.: -0.017 min  
Response: 2030864  
Conc: 17.93 ug/ml



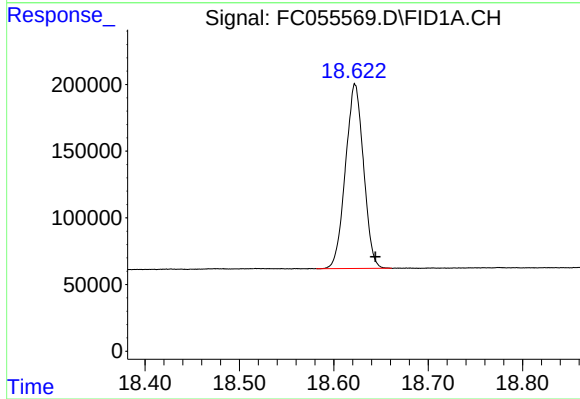
#16 n-Octacosane (C28)

R.T.: 16.905 min  
Delta R.T.: -0.018 min  
Response: 1953955  
Conc: 17.66 ug/ml



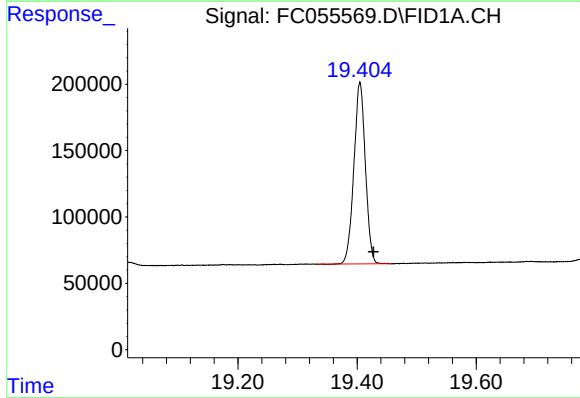
#17 n-Tricontane (C30)

R.T.: 17.792 min  
Delta R.T.: -0.019 min  
Response: 1881255  
Conc: 17.69 ug/ml



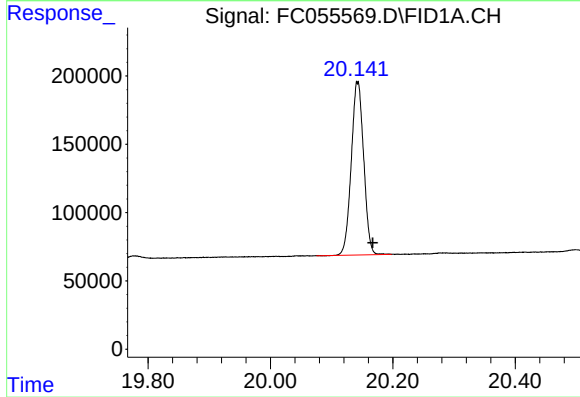
#18 n-Dotriacontane (C32)

R.T.: 18.623 min  
Delta R.T.: -0.021 min  
Response: 1836297  
Conc: 18.32 ug/ml



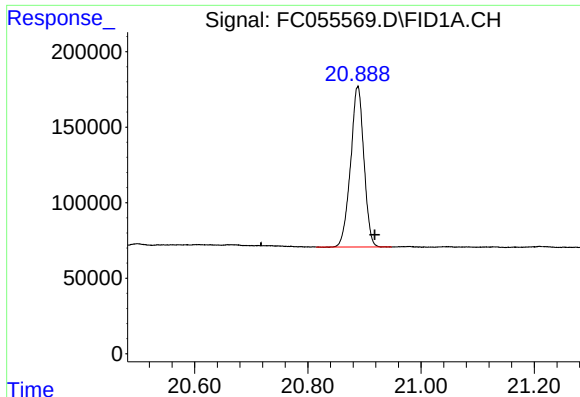
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min  
Delta R.T.: -0.022 min  
Response: 1833415  
Conc: 19.43 ug/ml



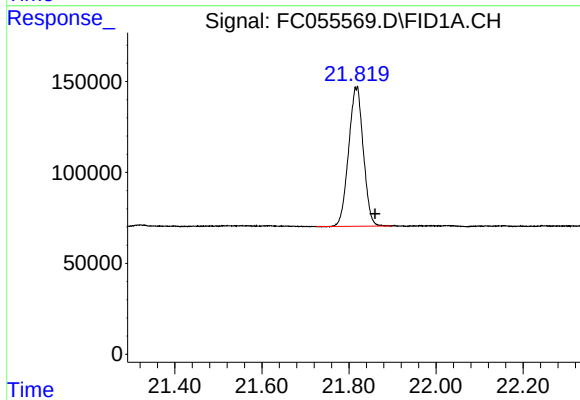
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min  
Delta R.T.: -0.025 min  
Response: 1780606  
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.888 min  
Delta R.T.: -0.030 min  
Response: 1738389  
Conc: 21.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.817 min  
Delta R.T.: -0.043 min  
Response: 1790158  
Conc: 22.29 ug/ml