

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC122820AL\  
 Data File : FC051476.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Dec 2020 11:38  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 29 00:51:09 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 122120.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 22 00:33:00 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)    | 11.568 | 2203700    | 19.014 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.03%       |
| 12) S 1-chlorooctadecane (S... | 13.002 | 1696714    | 18.809 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.62%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.327  | 2047091    | 20.749 ug/ml |
| 2) T n-Decane (C10)            | 4.395  | 2045705    | 20.688 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.986  | 2143842    | 20.499 ug/ml |
| 4) T n-Dodecane (C12)          | 6.413  | 2094898    | 20.492 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.044  | 2131206    | 20.289 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.207  | 2061469    | 20.322 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.808  | 2016114    | 20.018 ug/ml |
| 8) T n-Octadecane (C18)        | 11.248 | 2082048    | 19.521 ug/ml |
| 10) T n-Eicosane (C20)         | 12.556 | 2056997    | 19.101 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.168 | 2030858    | 18.933 ug/ml |
| 13) T n-Docosane (C22)         | 13.754 | 2003978    | 18.765 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.855 | 1950436    | 18.428 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.875 | 1887854    | 18.227 ug/ml |
| 16) T n-Octacosane (C28)       | 16.823 | 1871172    | 18.378 ug/ml |
| 17) T n-Tricontane (C30)       | 17.710 | 1849696    | 18.782 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.541 | 1739374    | 19.199 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.323 | 1704938    | 20.059 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.060 | 1780629    | 21.000 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.795 | 1557830    | 20.348 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.704 | 1684344    | 21.299 ug/ml |
| -----                          |        |            |              |

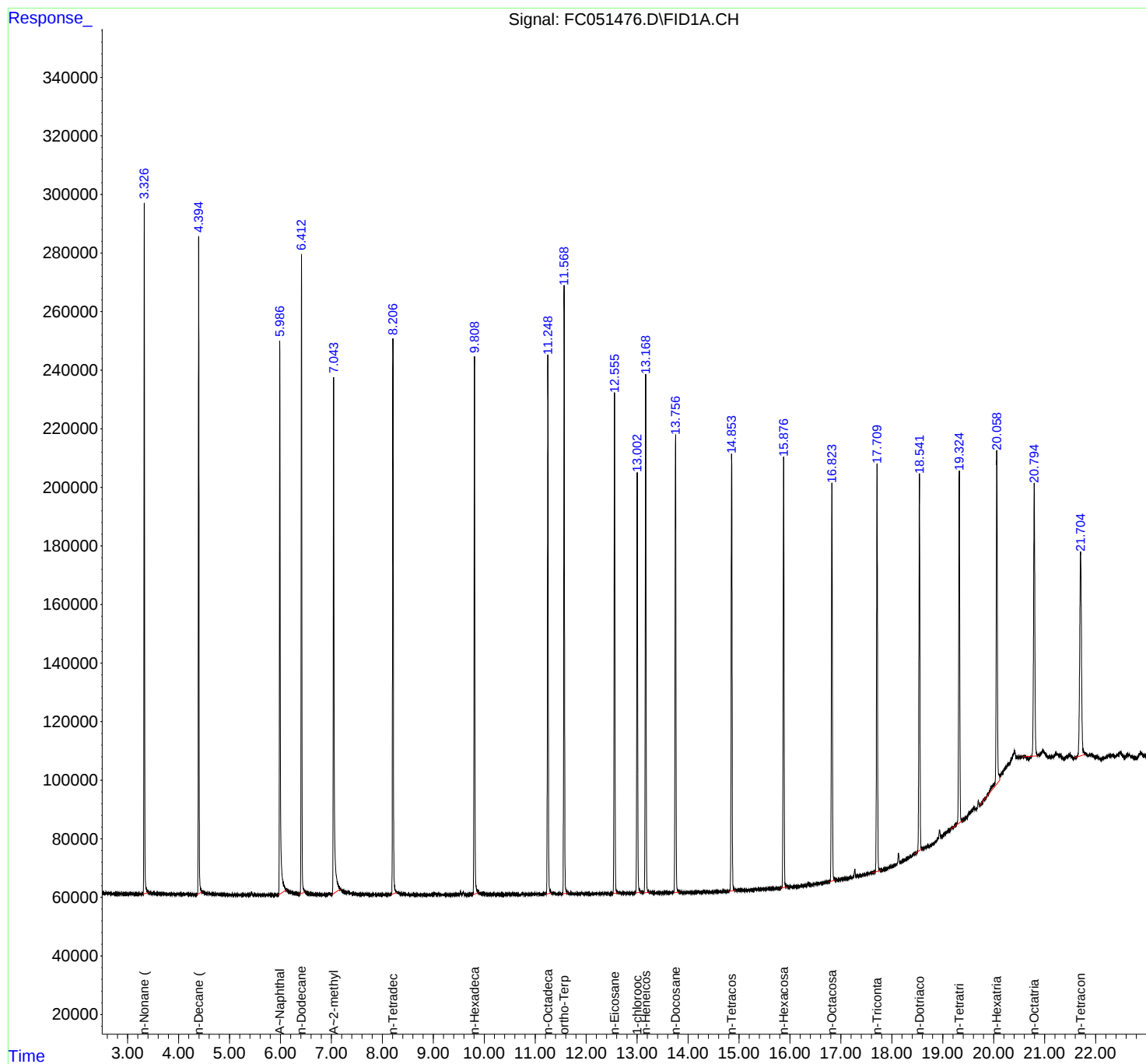
(f)=RT Delta > 1/2 Window

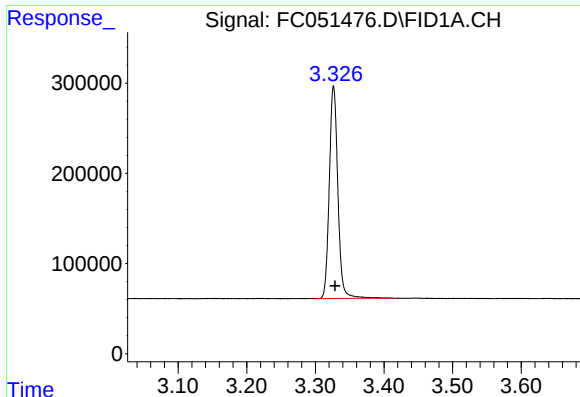
(m)=manual int.

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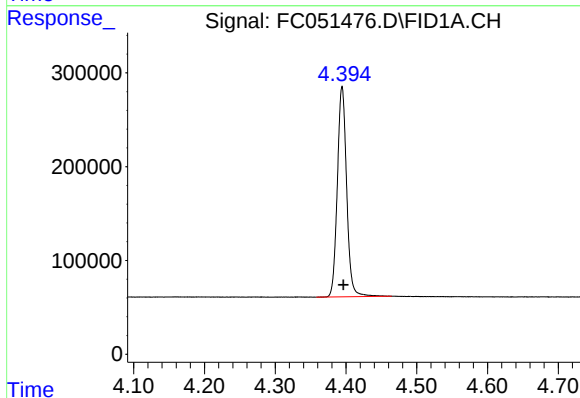
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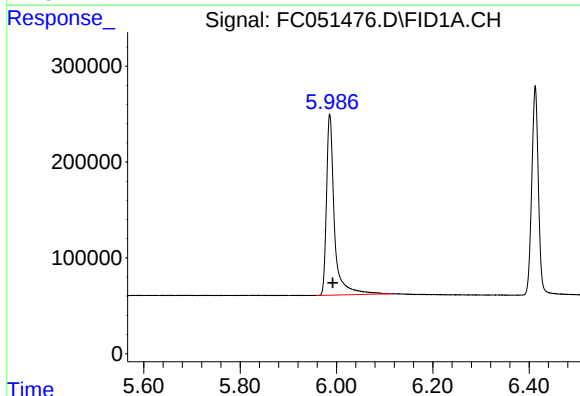
#1 n-Nonane (C9)

R.T.: 3.327 min  
Delta R.T.: -0.002 min  
Response: 2047091  
Conc: 20.75 ug/ml



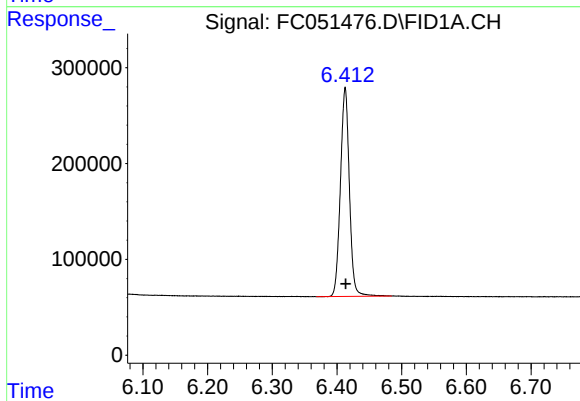
#2 n-Decane (C10)

R.T.: 4.395 min  
Delta R.T.: -0.002 min  
Response: 2045705  
Conc: 20.69 ug/ml



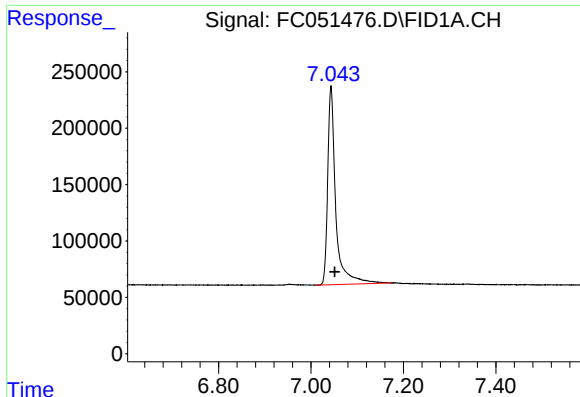
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min  
Delta R.T.: -0.005 min  
Response: 2143842  
Conc: 20.50 ug/ml



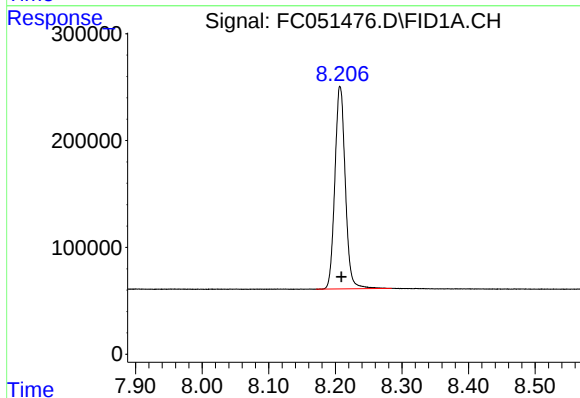
#4 n-Dodecane (C12)

R.T.: 6.413 min  
Delta R.T.: -0.001 min  
Response: 2094898  
Conc: 20.49 ug/ml



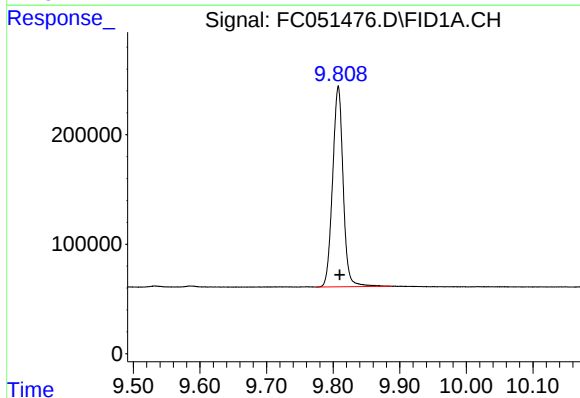
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.044 min  
Delta R.T.: -0.008 min  
Response: 2131206  
Conc: 20.29 ug/ml



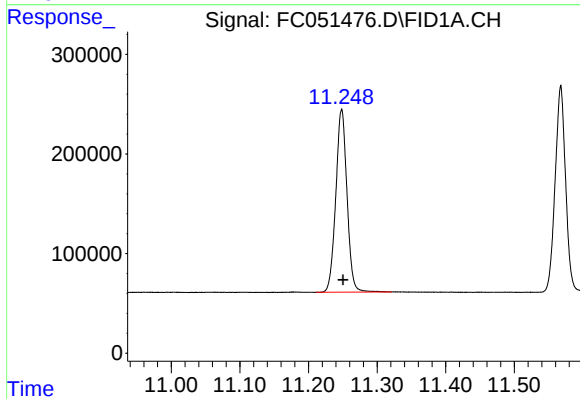
#6 n-Tetradecane (C14)

R.T.: 8.207 min  
Delta R.T.: -0.002 min  
Response: 2061469  
Conc: 20.32 ug/ml



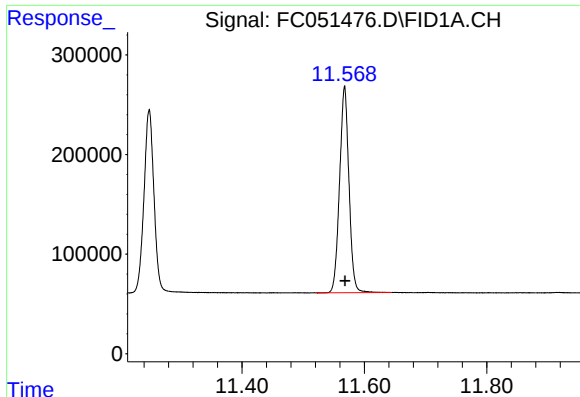
#7 n-Hexadecane (C16)

R.T.: 9.808 min  
Delta R.T.: -0.002 min  
Response: 2016114  
Conc: 20.02 ug/ml



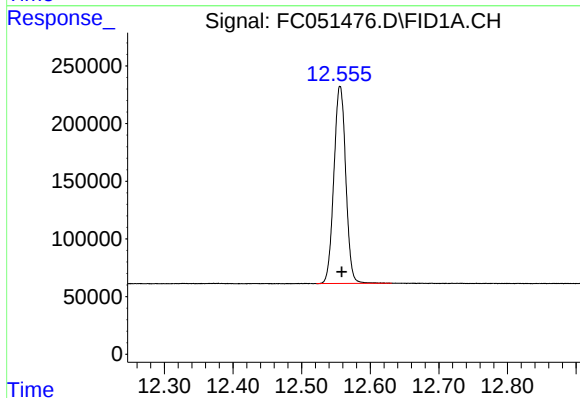
#8 n-Octadecane (C18)

R.T.: 11.248 min  
Delta R.T.: -0.002 min  
Response: 2082048  
Conc: 19.52 ug/ml



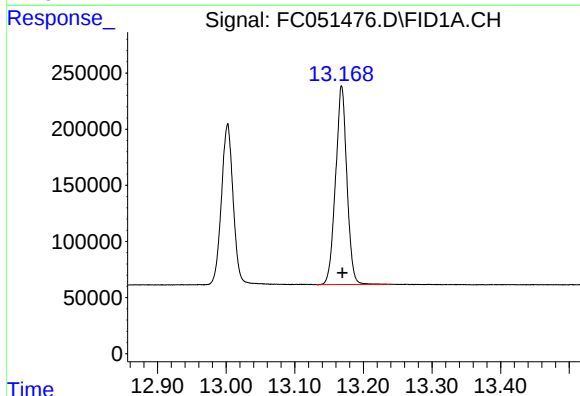
#9 ortho-Terphenyl (SURR)

R.T.: 11.568 min  
Delta R.T.: 0.000 min  
Response: 2203700  
Conc: 19.01 ug/ml



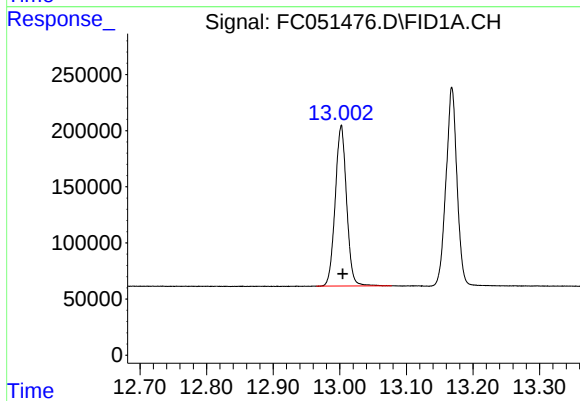
#10 n-Eicosane (C20)

R.T.: 12.556 min  
Delta R.T.: -0.002 min  
Response: 2056997  
Conc: 19.10 ug/ml



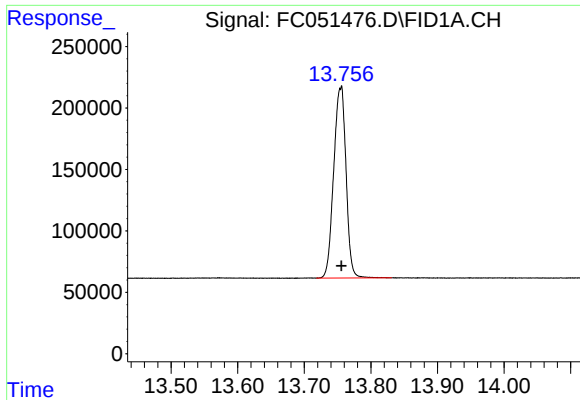
#11 n-Heneicosane (C21)

R.T.: 13.168 min  
Delta R.T.: -0.001 min  
Response: 2030858  
Conc: 18.93 ug/ml



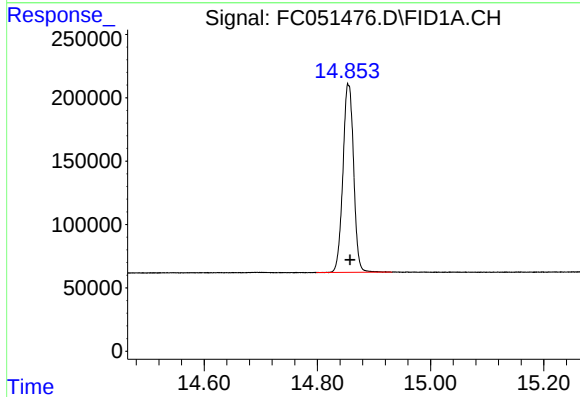
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min  
Delta R.T.: -0.003 min  
Response: 1696714  
Conc: 18.81 ug/ml



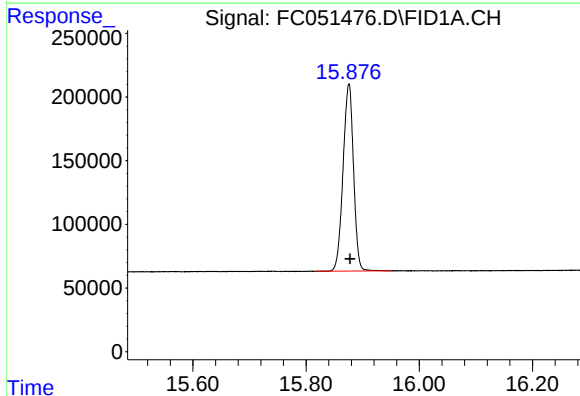
#13 n-Docosane (C22)

R.T.: 13.754 min  
Delta R.T.: -0.002 min  
Response: 2003978  
Conc: 18.76 ug/ml



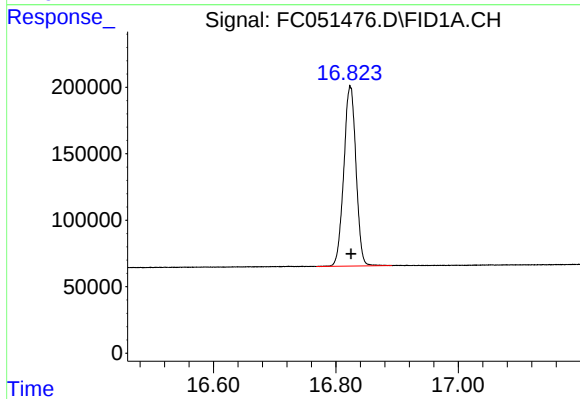
#14 n-Tetracosane (C24)

R.T.: 14.855 min  
Delta R.T.: -0.003 min  
Response: 1950436  
Conc: 18.43 ug/ml



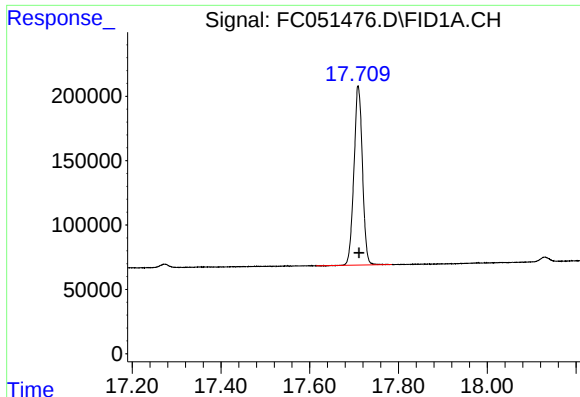
#15 n-Hexacosane (C26)

R.T.: 15.875 min  
Delta R.T.: -0.002 min  
Response: 1887854  
Conc: 18.23 ug/ml



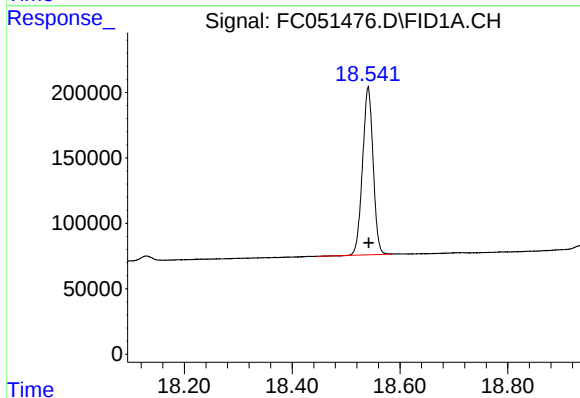
#16 n-Octacosane (C28)

R.T.: 16.823 min  
Delta R.T.: -0.001 min  
Response: 1871172  
Conc: 18.38 ug/ml



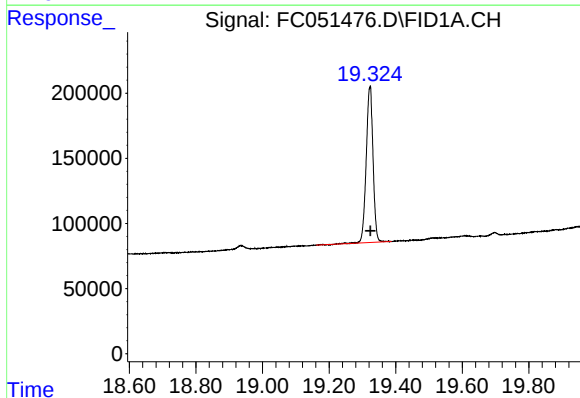
#17 n-Tricontane (C30)

R.T.: 17.710 min  
Delta R.T.: -0.002 min  
Response: 1849696  
Conc: 18.78 ug/ml



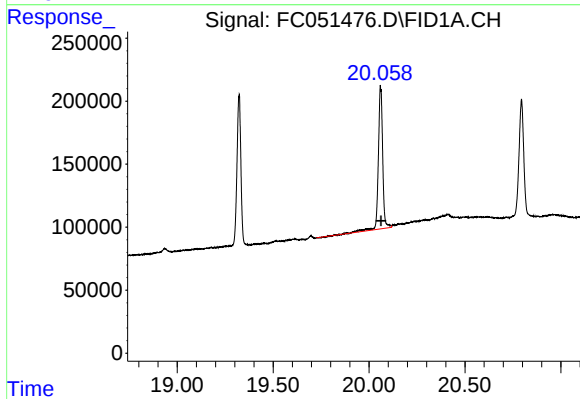
#18 n-Dotriacontane (C32)

R.T.: 18.541 min  
Delta R.T.: -0.001 min  
Response: 1739374  
Conc: 19.20 ug/ml



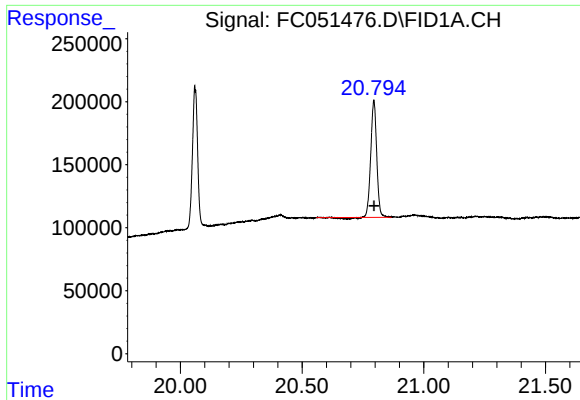
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min  
Delta R.T.: -0.001 min  
Response: 1704938  
Conc: 20.06 ug/ml



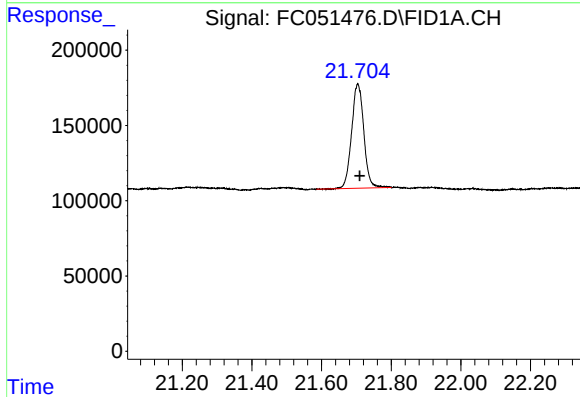
#20 n-Hexatriacontane (C36)

R.T.: 20.060 min  
Delta R.T.: -0.002 min  
Response: 1780629  
Conc: 21.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min  
Delta R.T.: -0.001 min  
Response: 1557830  
Conc: 20.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.704 min  
Delta R.T.: -0.006 min  
Response: 1684344  
Conc: 21.30 ug/ml