

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100920AL\  
 Data File : FC050011.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Oct 2020 5:48  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 10 07:33:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 100620.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 07 04:53:04 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)    | 11.649 | 2324440    | 20.737 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.47%       |
| 12) S 1-chlorooctadecane (S... | 13.082 | 1802028    | 20.803 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.61%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.387  | 2148076    | 21.676 ug/ml |
| 2) T n-Decane (C10)            | 4.460  | 2178270    | 21.879 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.056  | 2384005    | 21.630 ug/ml |
| 4) T n-Dodecane (C12)          | 6.483  | 2205508    | 21.858 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.115  | 2414849    | 21.696 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.280  | 2179987    | 21.760 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.883  | 2132774    | 21.640 ug/ml |
| 8) T n-Octadecane (C18)        | 11.326 | 2205858    | 21.359 ug/ml |
| 10) T n-Eicosane (C20)         | 12.636 | 2186839    | 21.016 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.248 | 2164830    | 20.833 ug/ml |
| 13) T n-Docosane (C22)         | 13.835 | 2156679    | 20.776 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.937 | 2122736    | 20.437 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.958 | 2058474    | 19.976 ug/ml |
| 16) T n-Octacosane (C28)       | 16.907 | 2021576    | 19.533 ug/ml |
| 17) T n-Tricontane (C30)       | 17.794 | 1959988    | 19.206 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.625 | 1818679    | 18.931 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.407 | 1789325    | 19.508 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.147 | 1915696    | 21.628 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.897 | 1778767    | 21.572 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.838 | 1694960    | 20.270 ug/ml |
| -----                          |        |            |              |

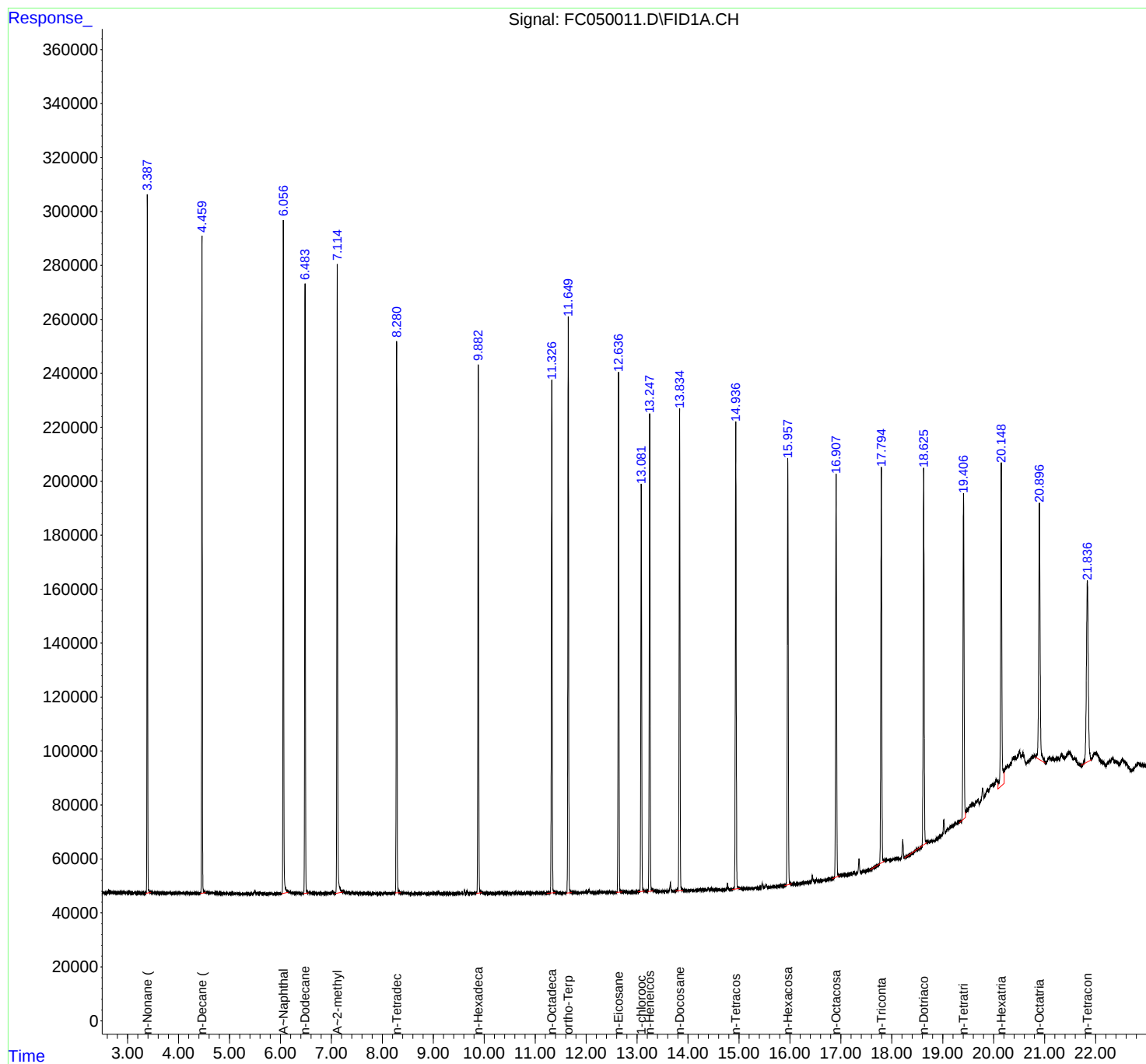
(f)=RT Delta > 1/2 Window

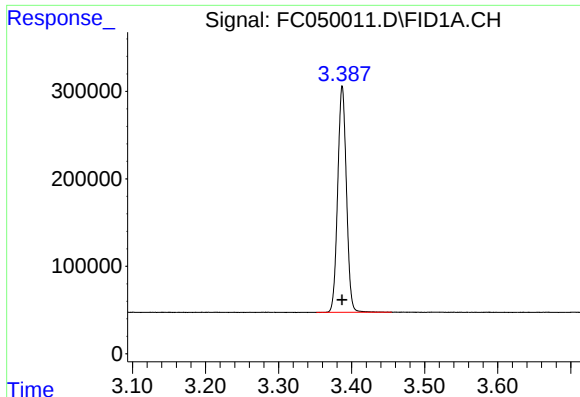
(m)=manual int.

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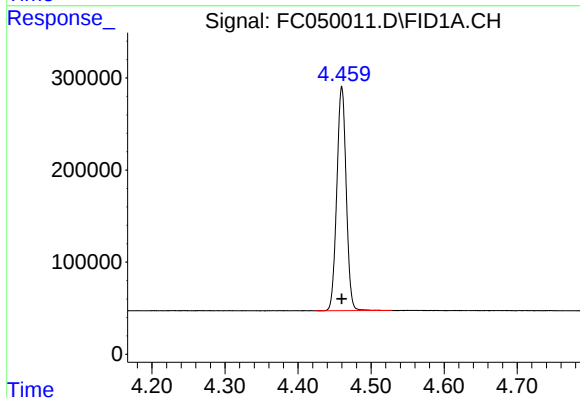
Volume Inj. : 1 ul  
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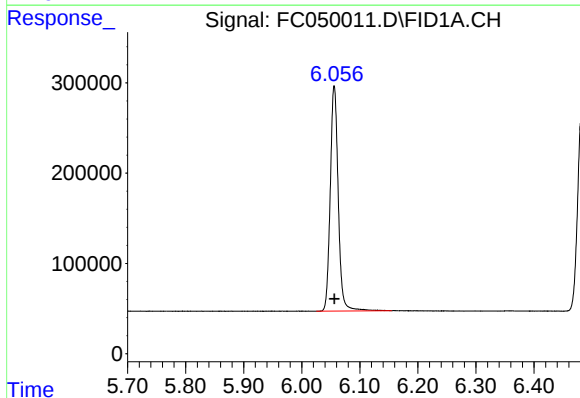
#1 n-Nonane (C9)

R.T.: 3.387 min  
Delta R.T.: 0.000 min  
Response: 2148076  
Conc: 21.68 ug/ml



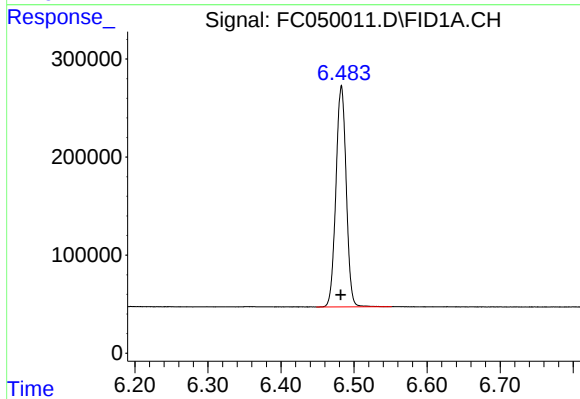
#2 n-Decane (C10)

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 2178270  
Conc: 21.88 ug/ml



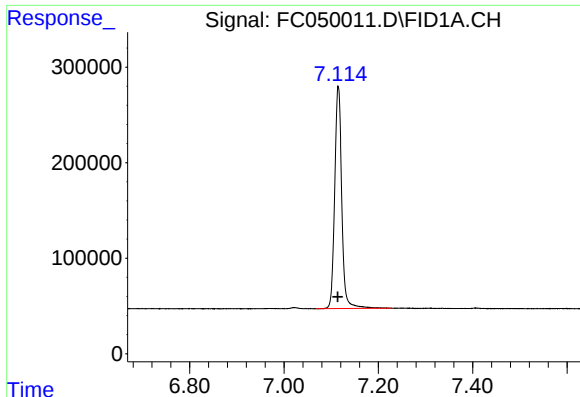
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 2384005  
Conc: 21.63 ug/ml



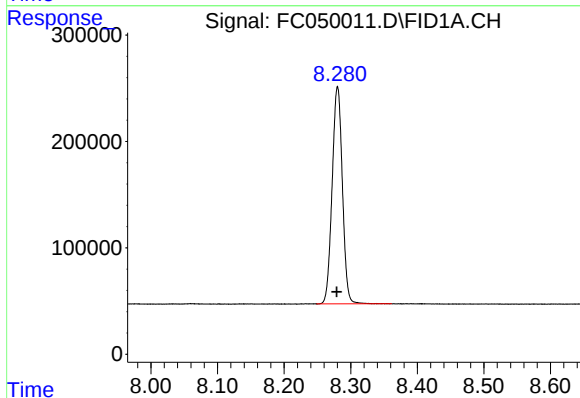
#4 n-Dodecane (C12)

R.T.: 6.483 min  
Delta R.T.: 0.000 min  
Response: 2205508  
Conc: 21.86 ug/ml



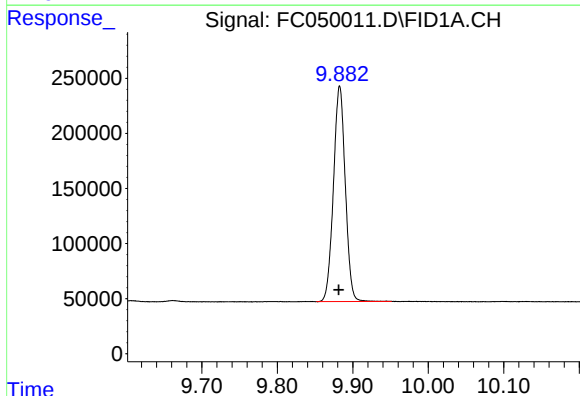
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min  
Delta R.T.: 0.000 min  
Response: 2414849  
Conc: 21.70 ug/ml



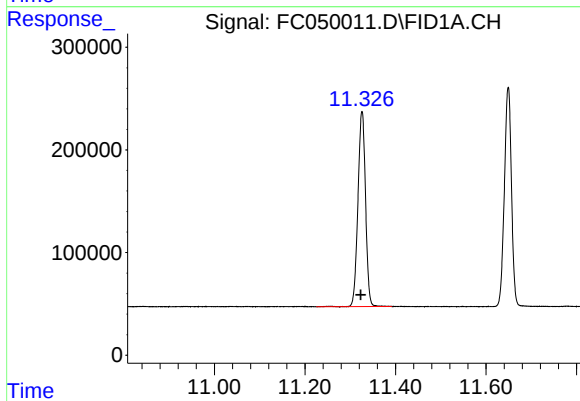
#6 n-Tetradecane (C14)

R.T.: 8.280 min  
Delta R.T.: 0.001 min  
Response: 2179987  
Conc: 21.76 ug/ml



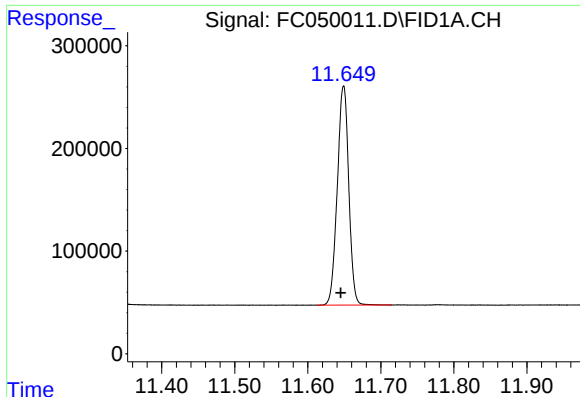
#7 n-Hexadecane (C16)

R.T.: 9.883 min  
Delta R.T.: 0.001 min  
Response: 2132774  
Conc: 21.64 ug/ml



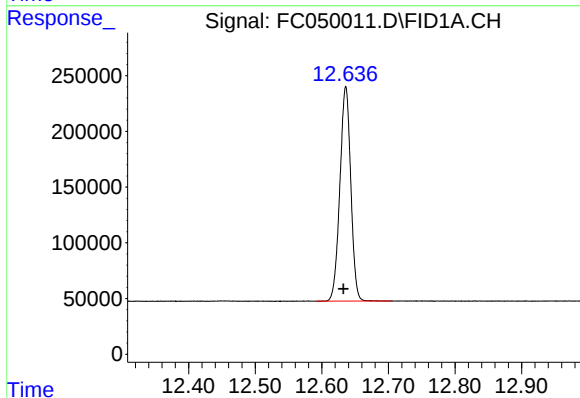
#8 n-Octadecane (C18)

R.T.: 11.326 min  
Delta R.T.: 0.003 min  
Response: 2205858  
Conc: 21.36 ug/ml



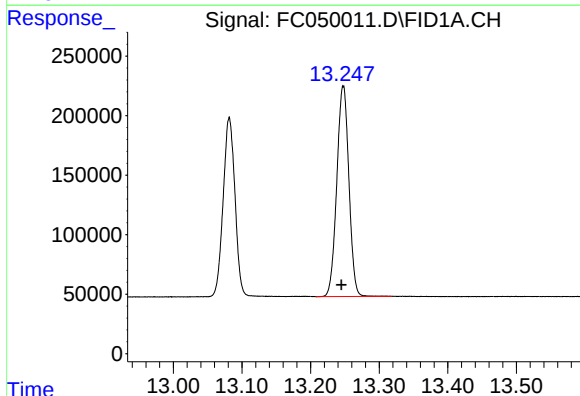
#9 ortho-Terphenyl (SURR)

R.T.: 11.649 min  
Delta R.T.: 0.004 min  
Response: 2324440  
Conc: 20.74 ug/ml



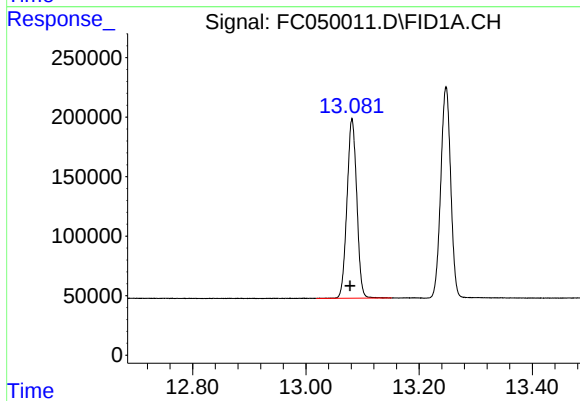
#10 n-Eicosane (C20)

R.T.: 12.636 min  
Delta R.T.: 0.003 min  
Response: 2186839  
Conc: 21.02 ug/ml



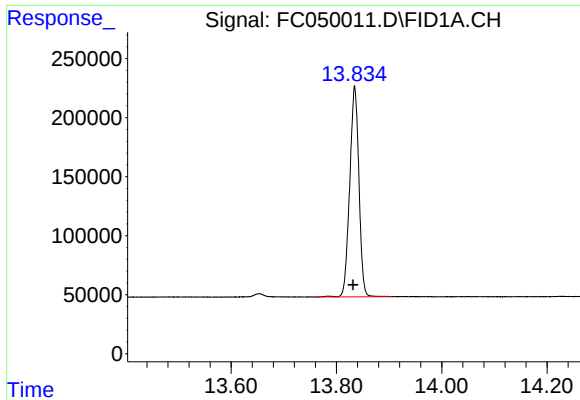
#11 n-Heneicosane (C21)

R.T.: 13.248 min  
Delta R.T.: 0.002 min  
Response: 2164830  
Conc: 20.83 ug/ml



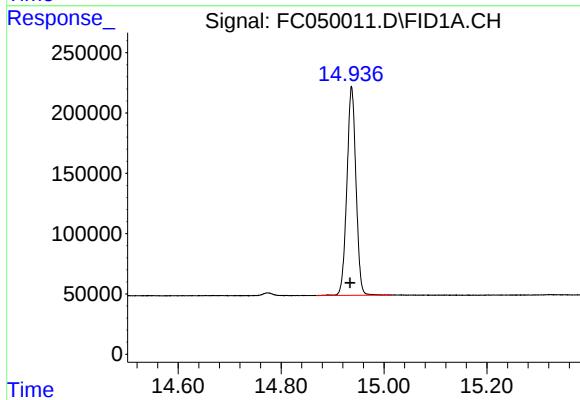
#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min  
Delta R.T.: 0.003 min  
Response: 1802028  
Conc: 20.80 ug/ml



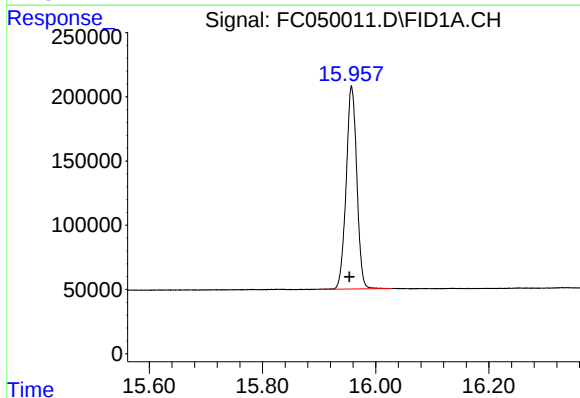
#13 n-Docosane (C22)

R.T.: 13.835 min  
Delta R.T.: 0.003 min  
Response: 2156679  
Conc: 20.78 ug/ml



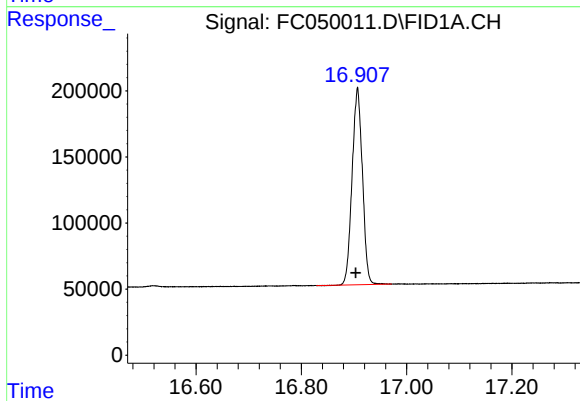
#14 n-Tetracosane (C24)

R.T.: 14.937 min  
Delta R.T.: 0.003 min  
Response: 2122736  
Conc: 20.44 ug/ml



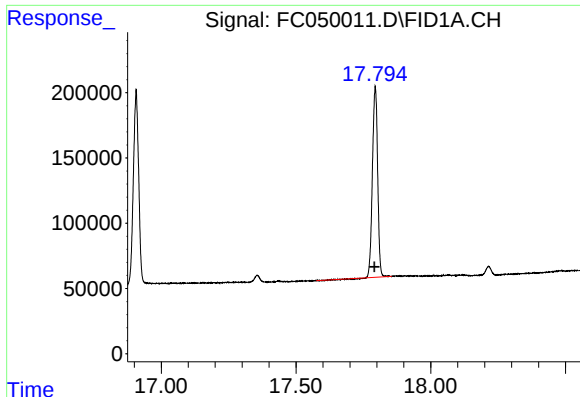
#15 n-Hexacosane (C26)

R.T.: 15.958 min  
Delta R.T.: 0.004 min  
Response: 2058474  
Conc: 19.98 ug/ml



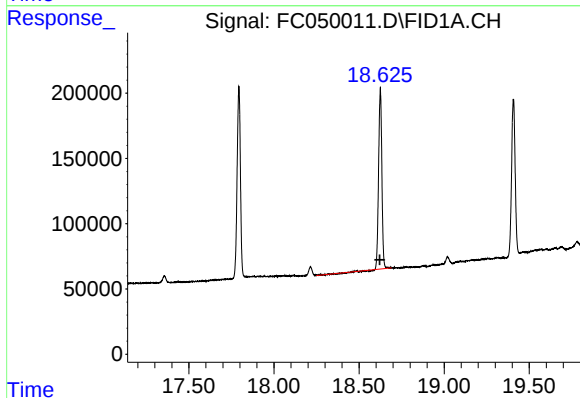
#16 n-Octacosane (C28)

R.T.: 16.907 min  
Delta R.T.: 0.003 min  
Response: 2021576  
Conc: 19.53 ug/ml



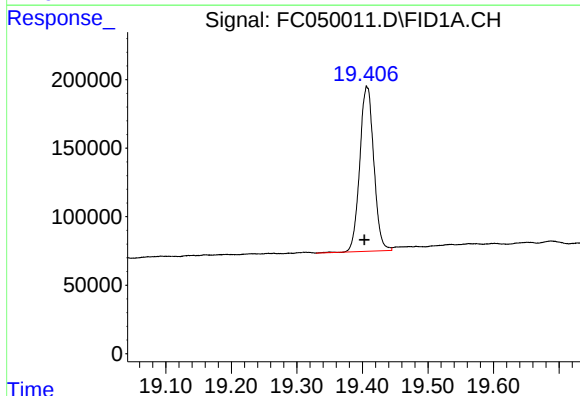
#17 n-Tricontane (C30)

R.T.: 17.794 min  
Delta R.T.: 0.003 min  
Response: 1959988  
Conc: 19.21 ug/ml



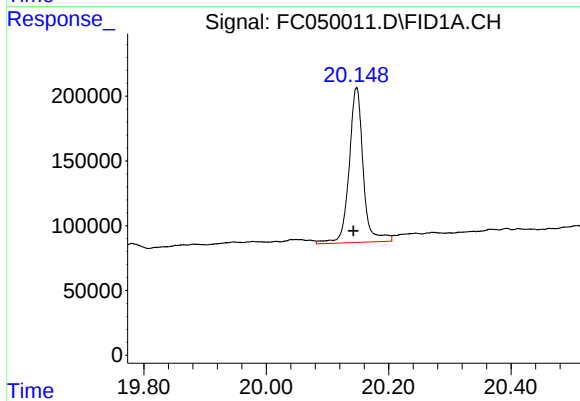
#18 n-Dotriacontane (C32)

R.T.: 18.625 min  
Delta R.T.: 0.004 min  
Response: 1818679  
Conc: 18.93 ug/ml



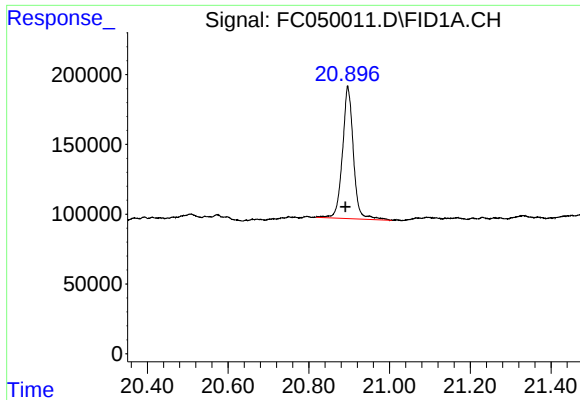
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min  
Delta R.T.: 0.004 min  
Response: 1789325  
Conc: 19.51 ug/ml



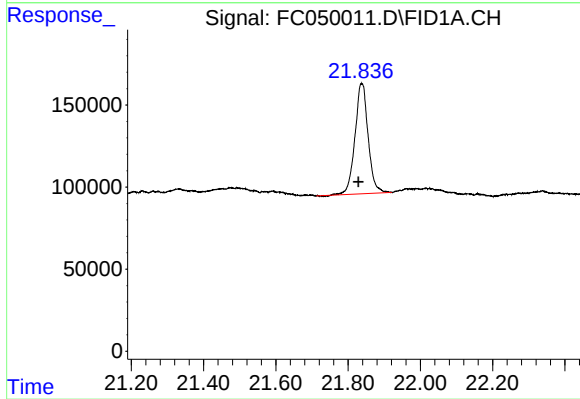
#20 n-Hexatriacontane (C36)

R.T.: 20.147 min  
Delta R.T.: 0.005 min  
Response: 1915696  
Conc: 21.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.897 min  
Delta R.T.: 0.006 min  
Response: 1778767  
Conc: 21.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.838 min  
Delta R.T.: 0.009 min  
Response: 1694960  
Conc: 20.27 ug/ml