

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062419AL\  
 Data File : FC041988.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 Jun 2019 00:56  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 25 01:43:18 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 061219.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 13 07:03:58 2019  
 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)    | 11.701 | 2627914    | 19.753 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.51%       |
| 12) S 1-chlorooctadecane (S... | 13.125 | 2112358    | 19.224 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.45%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.491  | 2577268    | 22.177 ug/ml |
| 2) T n-Decane (C10)            | 4.556  | 2607954    | 22.162 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.143  | 2848921    | 21.435 ug/ml |
| 4) T n-Dodecane (C12)          | 6.563  | 2611583    | 21.990 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.193  | 2821256    | 21.190 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.348  | 2607698    | 21.578 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.940  | 2583109    | 21.078 ug/ml |
| 8) T n-Octadecane (C18)        | 11.376 | 2541203    | 20.508 ug/ml |
| 10) T n-Eicosane (C20)         | 12.681 | 2487174    | 19.657 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.289 | 2432040    | 19.264 ug/ml |
| 13) T n-Docosane (C22)         | 13.874 | 2388420    | 18.903 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.973 | 2304648    | 18.113 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.991 | 2205909    | 17.768 ug/ml |
| 16) T n-Octacosane (C28)       | 16.938 | 2154002    | 17.678 ug/ml |
| 17) T n-Tricontane (C30)       | 17.823 | 2086473    | 17.900 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.653 | 1949470    | 18.055 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.434 | 1668010    | 19.384 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.172 | 1519924    | 19.609 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.923 | 1421016    | 21.489 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.863 | 1473507    | 21.811 ug/ml |
| -----                          |        |            |              |

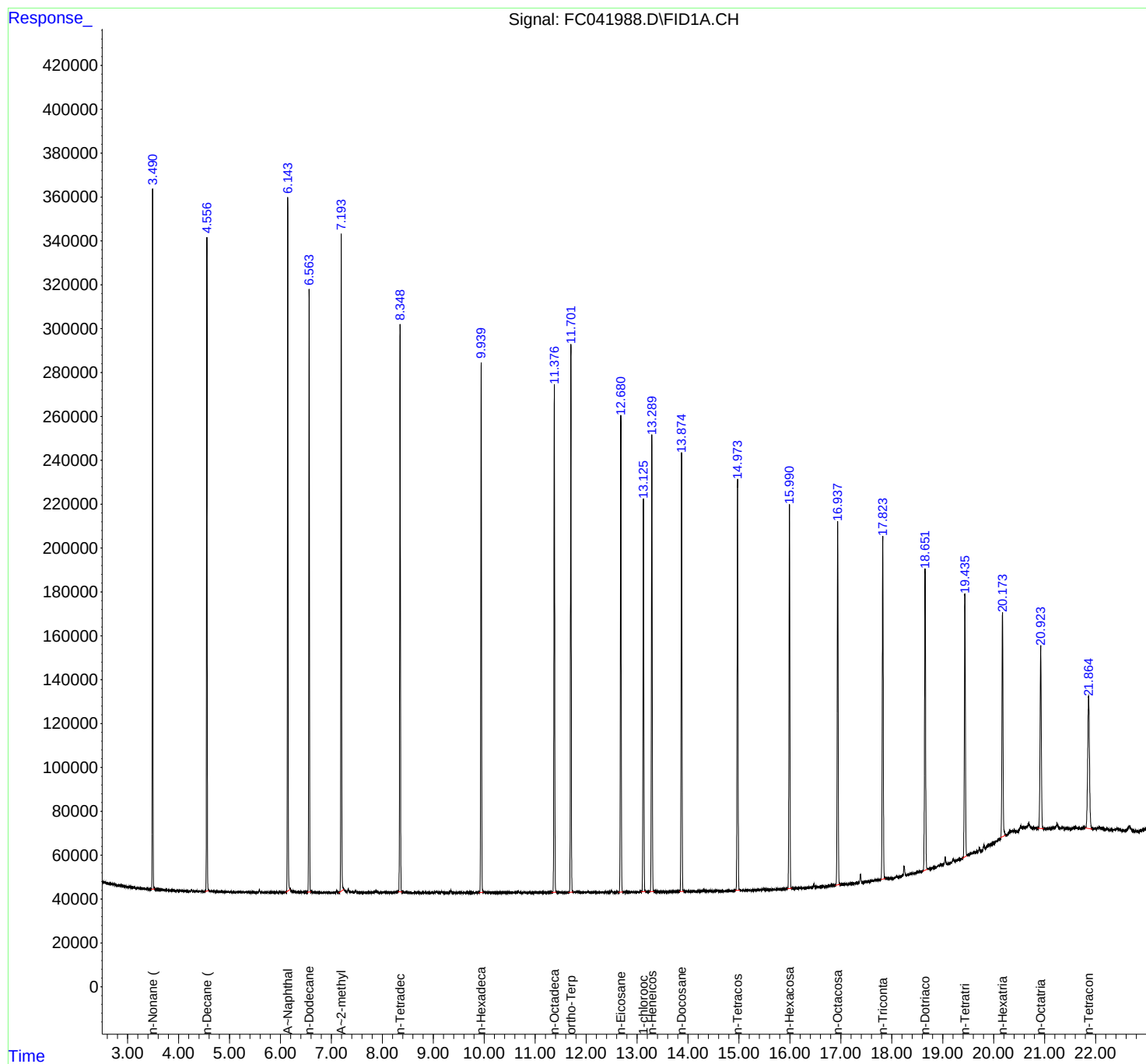
(f)=RT Delta > 1/2 Window

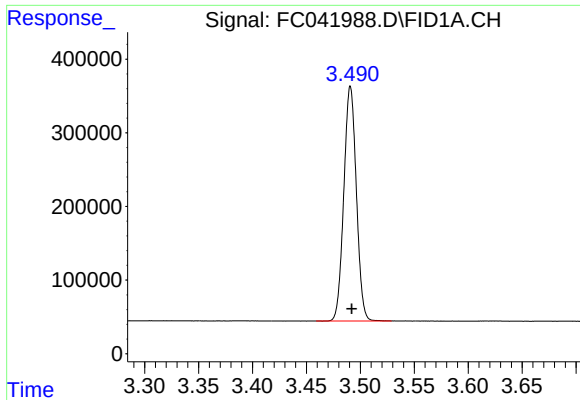
(m)=manual int.

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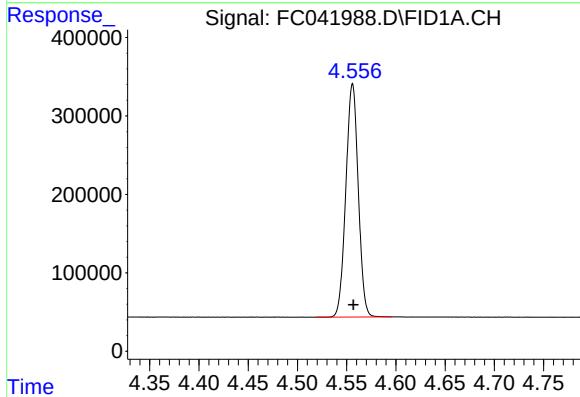
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





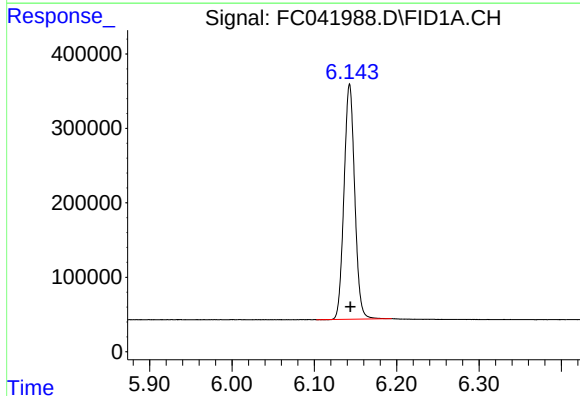
#1 n-Nonane (C9)

R.T.: 3.491 min  
Delta R.T.: -0.001 min  
Response: 2577268  
Conc: 22.18 ug/ml



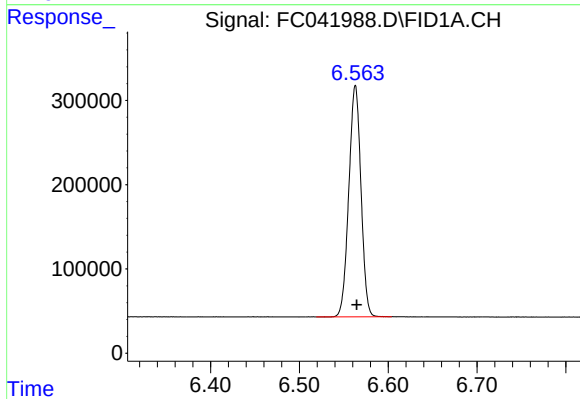
#2 n-Decane (C10)

R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 2607954  
Conc: 22.16 ug/ml



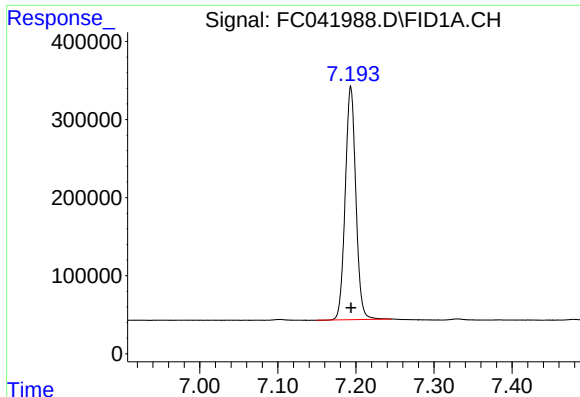
#3 A~Naphthalene (C11.7)

R.T.: 6.143 min  
Delta R.T.: -0.001 min  
Response: 2848921  
Conc: 21.44 ug/ml



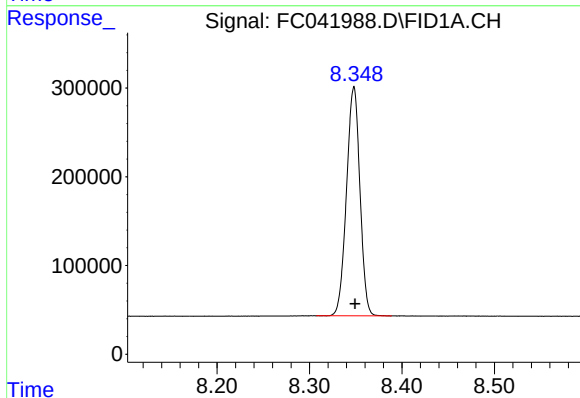
#4 n-Dodecane (C12)

R.T.: 6.563 min  
Delta R.T.: -0.001 min  
Response: 2611583  
Conc: 21.99 ug/ml



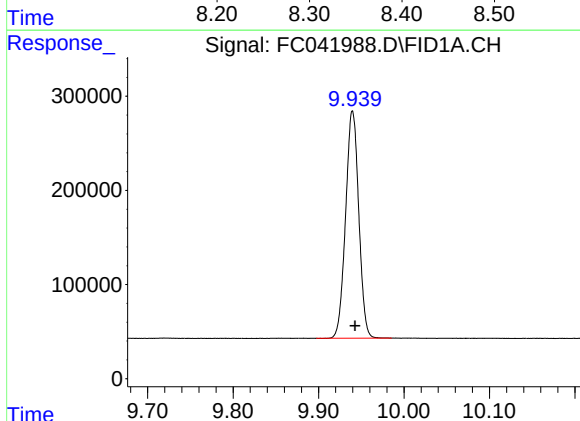
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.193 min  
Delta R.T.: 0.000 min  
Response: 2821256  
Conc: 21.19 ug/ml



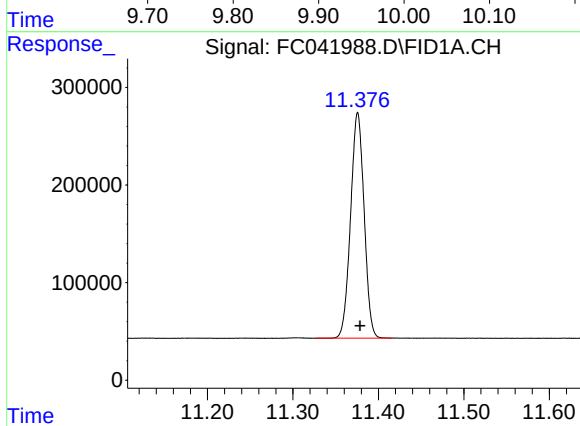
#6 n-Tetradecane (C14)

R.T.: 8.348 min  
Delta R.T.: -0.001 min  
Response: 2607698  
Conc: 21.58 ug/ml



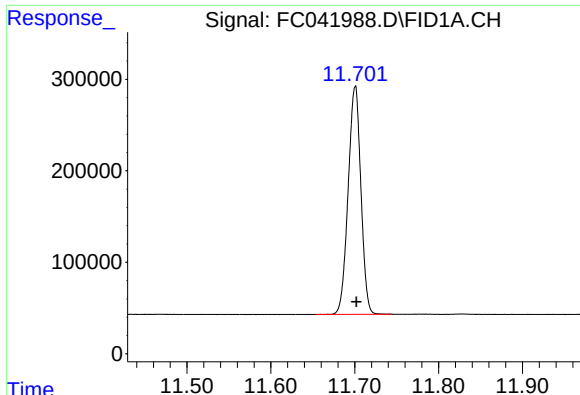
#7 n-Hexadecane (C16)

R.T.: 9.940 min  
Delta R.T.: -0.003 min  
Response: 2583109  
Conc: 21.08 ug/ml



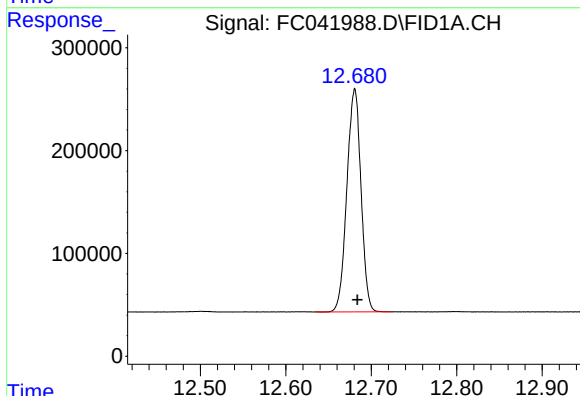
#8 n-Octadecane (C18)

R.T.: 11.376 min  
Delta R.T.: -0.003 min  
Response: 2541203  
Conc: 20.51 ug/ml



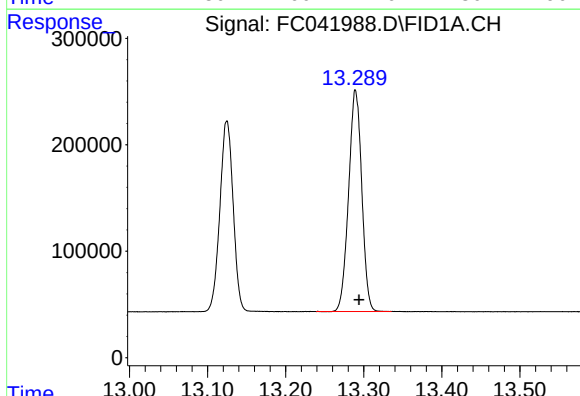
#9 ortho-Terphenyl (SURR)

R.T.: 11.701 min  
Delta R.T.: -0.001 min  
Response: 2627914  
Conc: 19.75 ug/ml



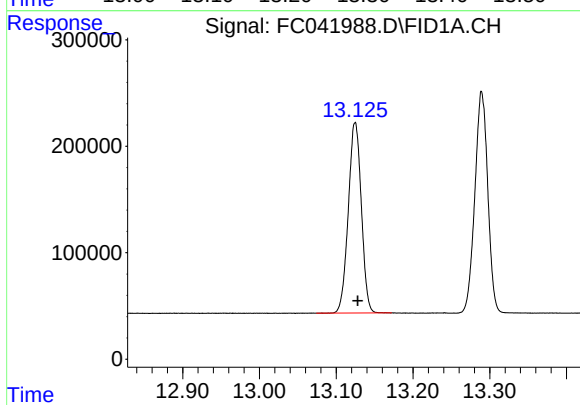
#10 n-Eicosane (C20)

R.T.: 12.681 min  
Delta R.T.: -0.003 min  
Response: 2487174  
Conc: 19.66 ug/ml



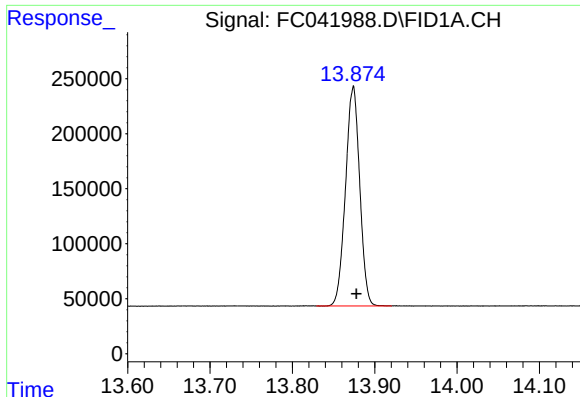
#11 n-Heneicosane (C21)

R.T.: 13.289 min  
Delta R.T.: -0.004 min  
Response: 2432040  
Conc: 19.26 ug/ml



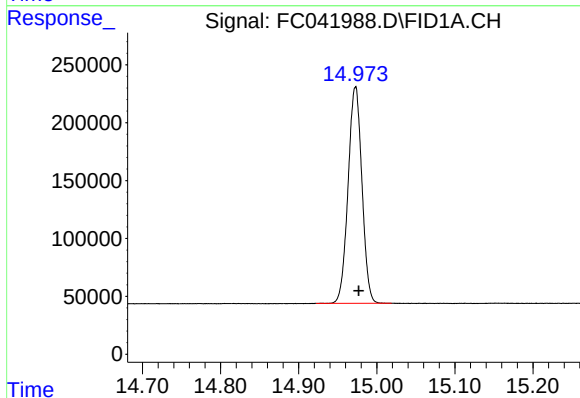
#12 1-chlorooctadecane (SURR)

R.T.: 13.125 min  
Delta R.T.: -0.004 min  
Response: 2112358  
Conc: 19.22 ug/ml



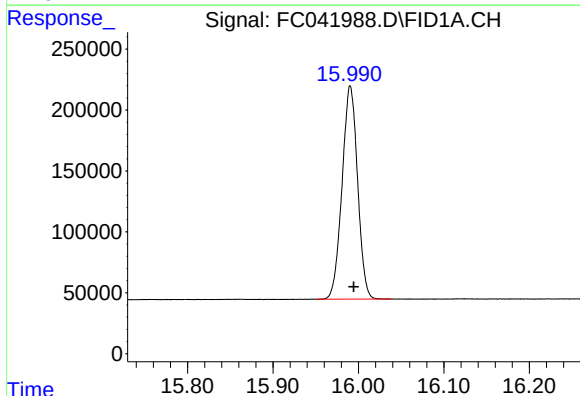
#13 n-Docosane (C22)

R.T.: 13.874 min  
Delta R.T.: -0.004 min  
Response: 2388420  
Conc: 18.90 ug/ml



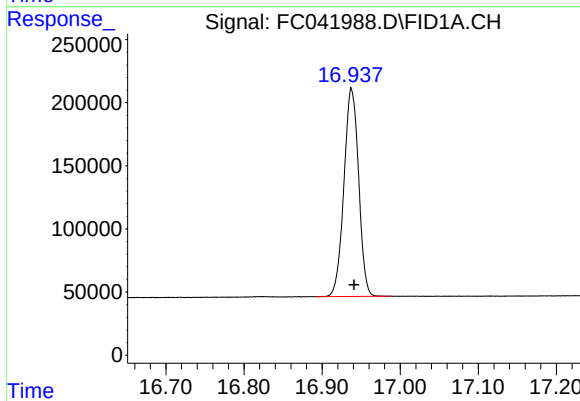
#14 n-Tetracosane (C24)

R.T.: 14.973 min  
Delta R.T.: -0.004 min  
Response: 2304648  
Conc: 18.11 ug/ml



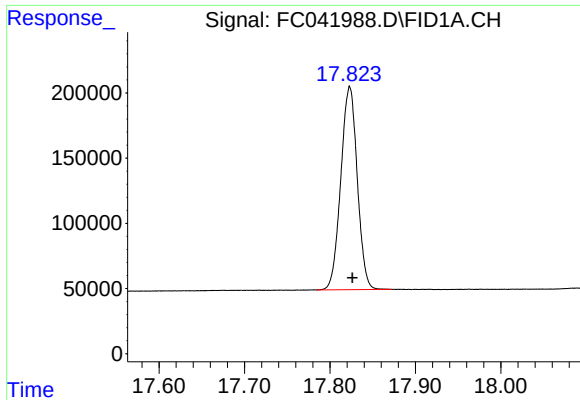
#15 n-Hexacosane (C26)

R.T.: 15.991 min  
Delta R.T.: -0.004 min  
Response: 2205909  
Conc: 17.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.938 min  
Delta R.T.: -0.004 min  
Response: 2154002  
Conc: 17.68 ug/ml



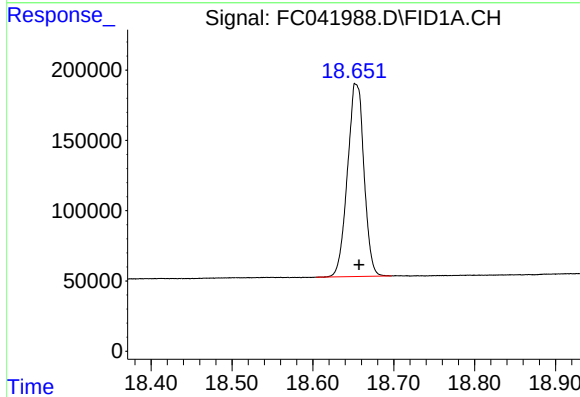
#17 n-Tricontane (C30)

R.T.: 17.823 min

Delta R.T.: -0.003 min

Response: 2086473

Conc: 17.90 ug/ml



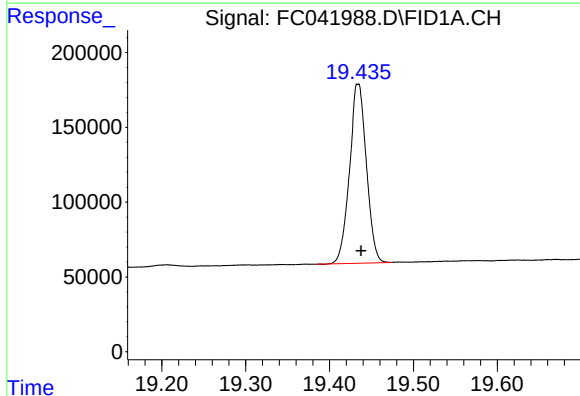
#18 n-Dotriacontane (C32)

R.T.: 18.653 min

Delta R.T.: -0.004 min

Response: 1949470

Conc: 18.06 ug/ml



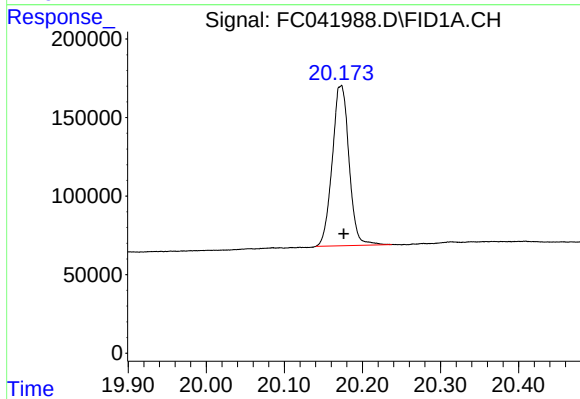
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min

Delta R.T.: -0.004 min

Response: 1668010

Conc: 19.38 ug/ml



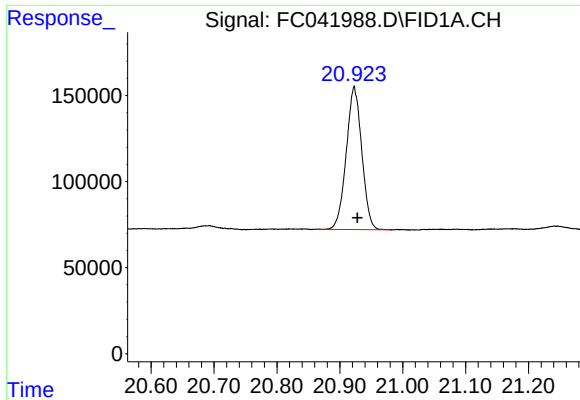
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min

Delta R.T.: -0.004 min

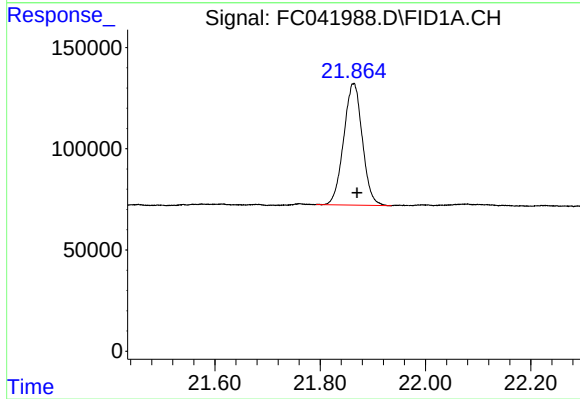
Response: 1519924

Conc: 19.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.923 min  
Delta R.T.: -0.005 min  
Response: 1421016  
Conc: 21.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.863 min  
Delta R.T.: -0.007 min  
Response: 1473507  
Conc: 21.81 ug/ml