

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082719AL\  
 Data File : FC043158.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Aug 2019 13:05  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 28 13:33:35 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 082719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 28 04:05:56 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)    | 11.637 | 2632566    | 18.387 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.77%        |
| 12) S 1-chlorooctadecane (S... | 13.060 | 1971802    | 18.048 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.10%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.461  | 2460477    | 20.659 ug/ml  |
| 2) T n-Decane (C10)            | 4.519  | 2479173    | 20.849 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.101  | 2588641    | 21.222 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.517  | 2510183    | 20.518 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.149  | 2607476    | 21.242 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.296  | 2487541    | 20.123 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.884  | 2465216    | 19.773 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.315 | 2416731    | 19.000 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.616 | 2361354    | 18.393 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.224 | 2337694    | 18.051 ug/ml  |
| 13) T n-Docosane (C22)         | 13.806 | 2300595    | 17.909 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.903 | 2242719    | 17.506 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.920 | 2202232    | 17.486 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.865 | 2141738    | 17.443 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.750 | 2156841    | 17.883 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.577 | 2129177    | 18.666 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.358 | 2060606    | 19.152 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.097 | 2075407    | 19.712 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.831 | 2140791    | 22.882 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.744 | 2203616    | 22.808 ug/mlm |
| -----                          |        |            |               |

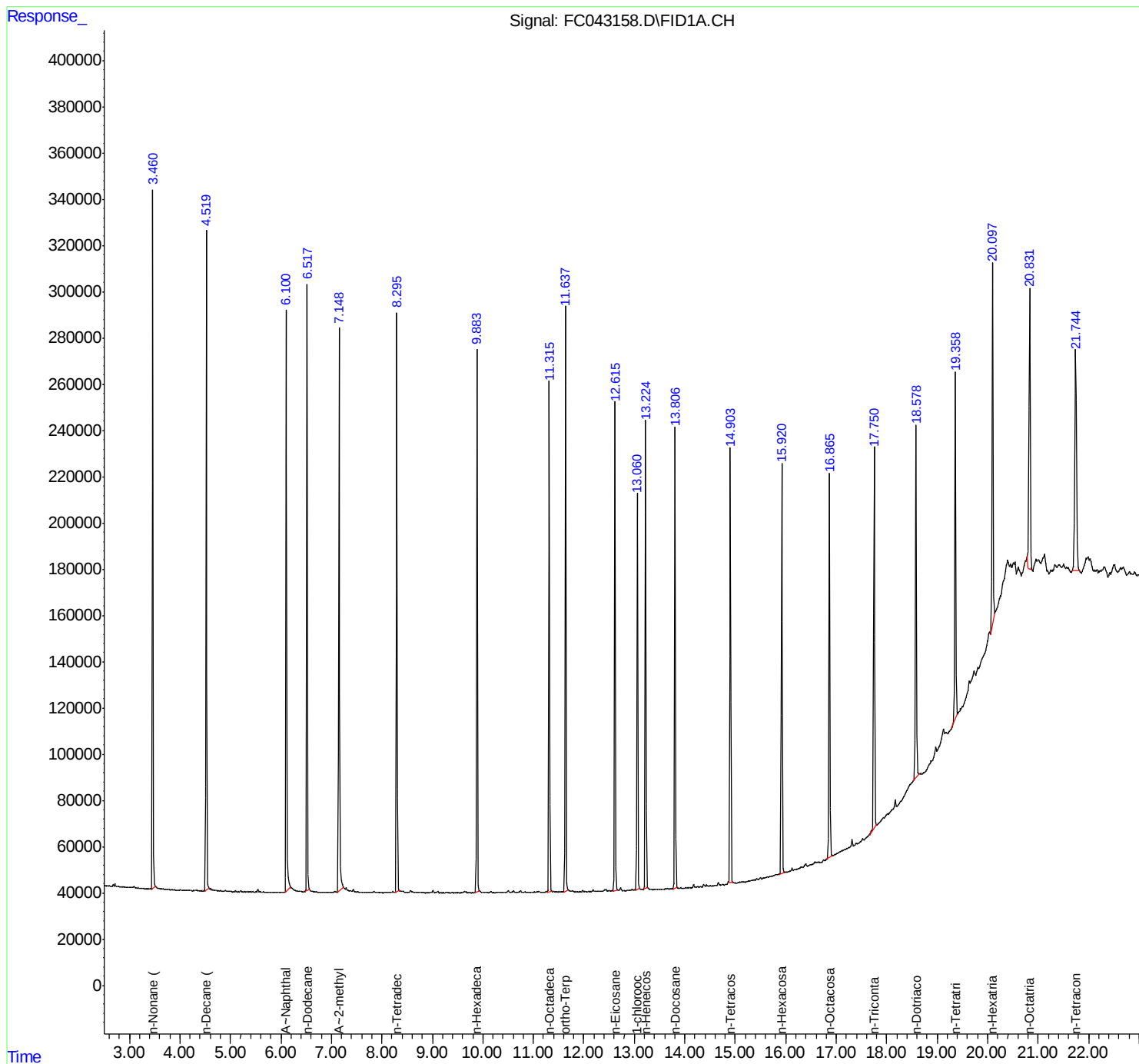
(f)=RT Delta > 1/2 Window

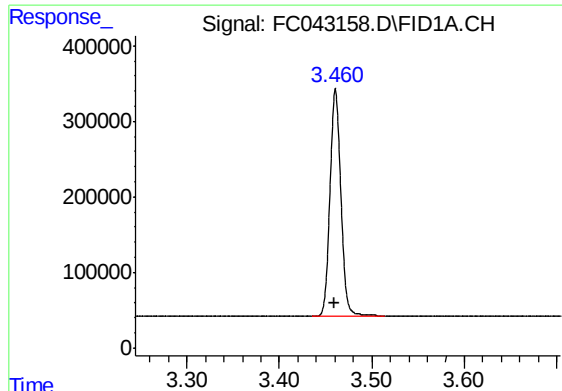
(m)=manual int.

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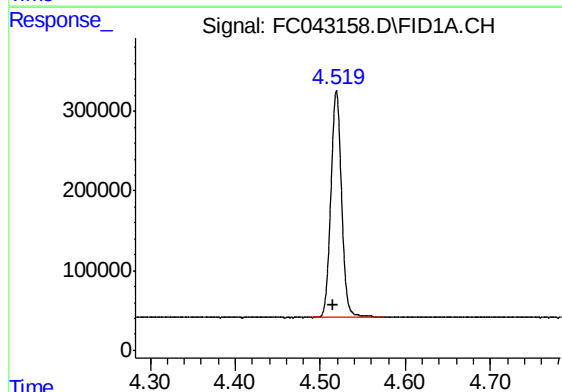
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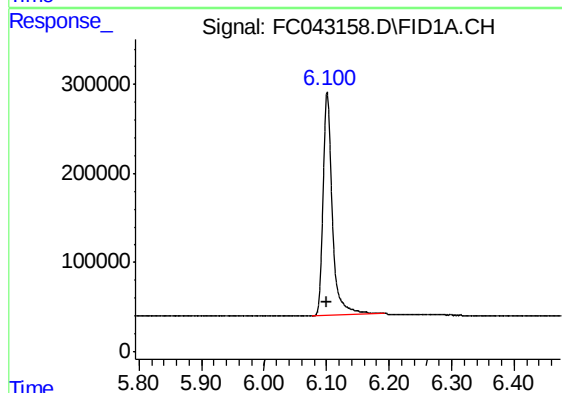
#1 n-Nonane (C9)

R.T.: 3.461 min  
Delta R.T.: 0.002 min  
Response: 2460477  
Conc: 20.66 ug/ml



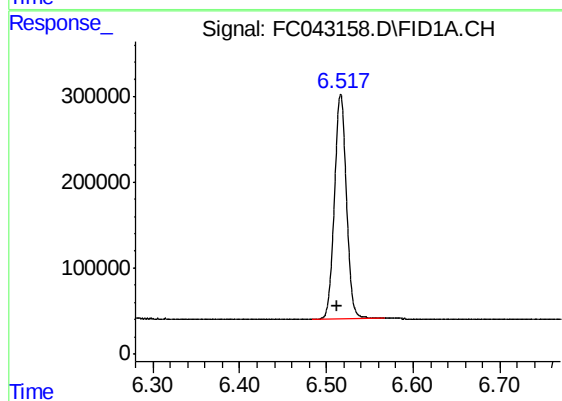
#2 n-Decane (C10)

R.T.: 4.519 min  
Delta R.T.: 0.004 min  
Response: 2479173  
Conc: 20.85 ug/ml



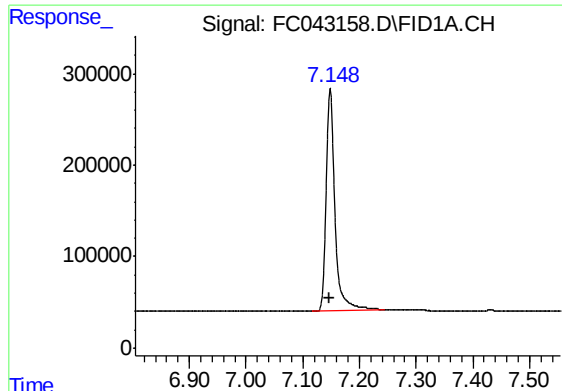
#3 A~Naphthalene (C11.7)

R.T.: 6.101 min  
Delta R.T.: 0.000 min  
Response: 2588641  
Conc: 21.22 ug/ml



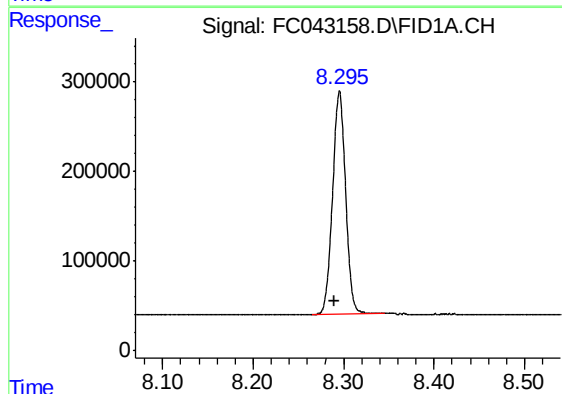
#4 n-Dodecane (C12)

R.T.: 6.517 min  
Delta R.T.: 0.005 min  
Response: 2510183  
Conc: 20.52 ug/ml



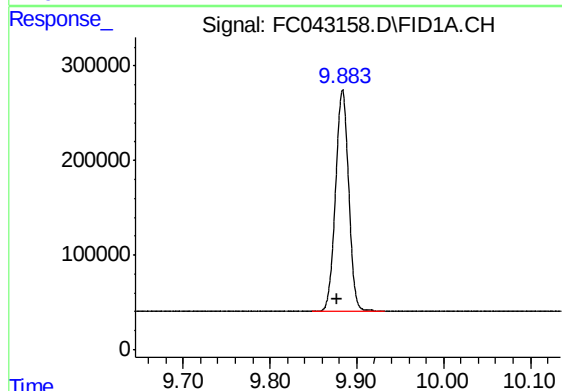
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.149 min  
Delta R.T.: 0.000 min  
Response: 2607476  
Conc: 21.24 ug/ml



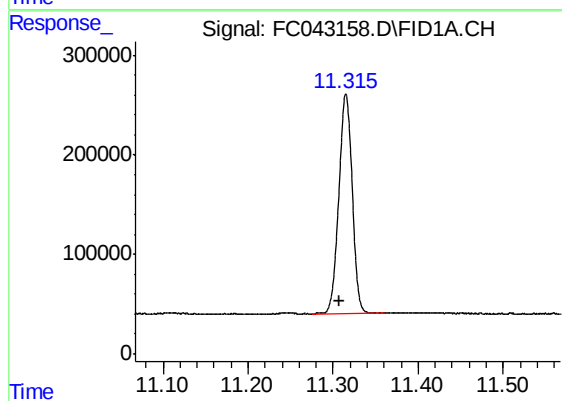
#6 n-Tetradecane (C14)

R.T.: 8.296 min  
Delta R.T.: 0.006 min  
Response: 2487541  
Conc: 20.12 ug/ml



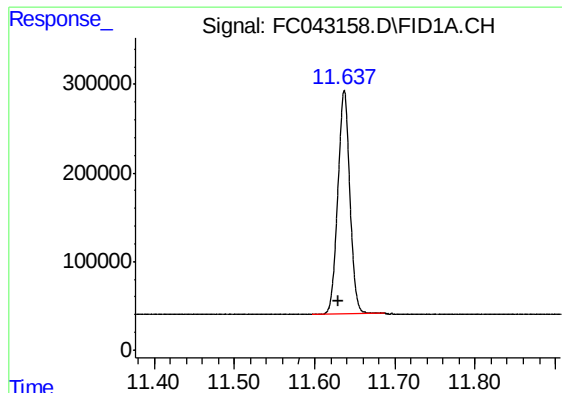
#7 n-Hexadecane (C16)

R.T.: 9.884 min  
Delta R.T.: 0.007 min  
Response: 2465216  
Conc: 19.77 ug/ml



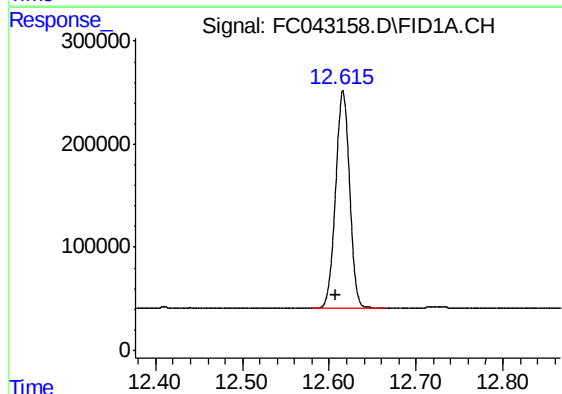
#8 n-Octadecane (C18)

R.T.: 11.315 min  
Delta R.T.: 0.008 min  
Response: 2416731  
Conc: 19.00 ug/ml



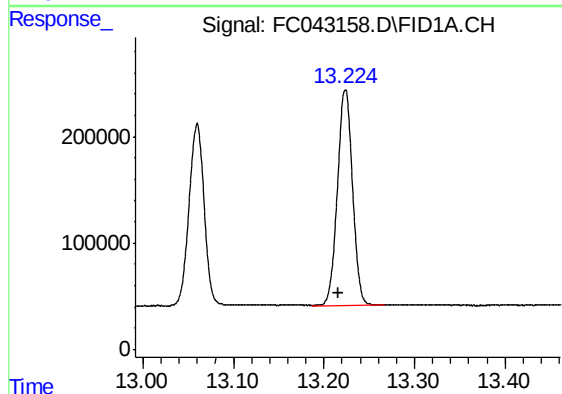
#9 ortho-Terphenyl (SURR)

R.T.: 11.637 min  
Delta R.T.: 0.008 min  
Response: 2632566  
Conc: 18.39 ug/ml



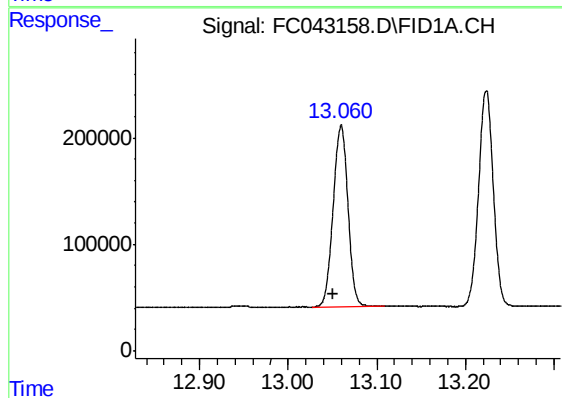
#10 n-Eicosane (C20)

R.T.: 12.616 min  
Delta R.T.: 0.009 min  
Response: 2361354  
Conc: 18.39 ug/ml



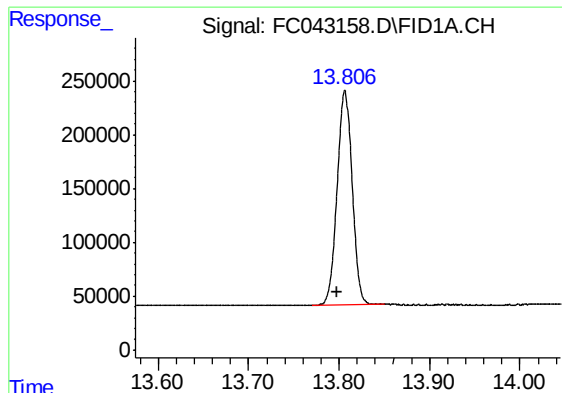
#11 n-Heneicosane (C21)

R.T.: 13.224 min  
Delta R.T.: 0.009 min  
Response: 2337694  
Conc: 18.05 ug/ml



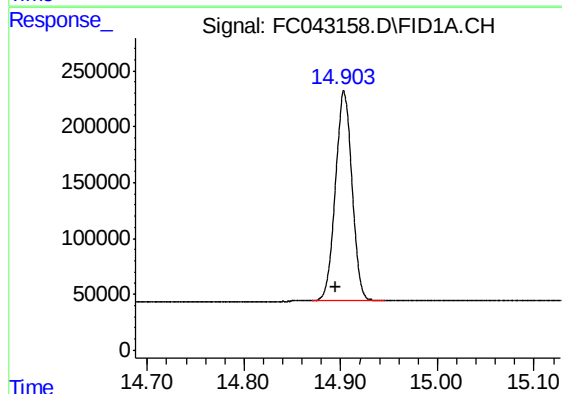
#12 1-chlorooctadecane (SURR)

R.T.: 13.060 min  
Delta R.T.: 0.009 min  
Response: 1971802  
Conc: 18.05 ug/ml



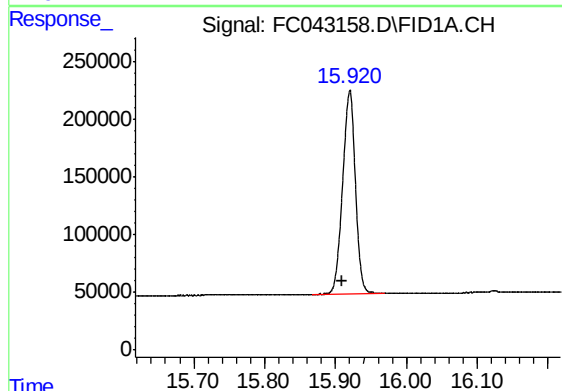
#13 n-Docosane (C22)

R.T.: 13.806 min  
Delta R.T.: 0.009 min  
Response: 2300595  
Conc: 17.91 ug/ml



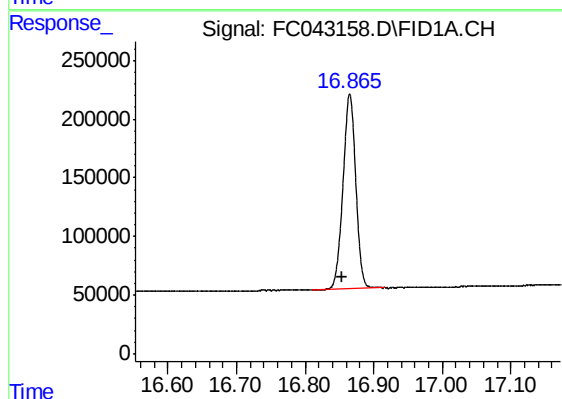
#14 n-Tetracosane (C24)

R.T.: 14.903 min  
Delta R.T.: 0.009 min  
Response: 2242719  
Conc: 17.51 ug/ml



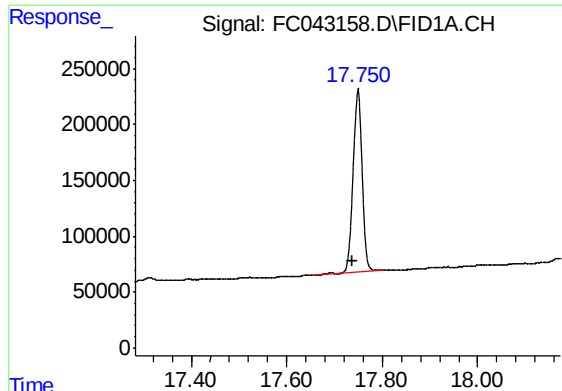
#15 n-Hexacosane (C26)

R.T.: 15.920 min  
Delta R.T.: 0.011 min  
Response: 2202232  
Conc: 17.49 ug/ml



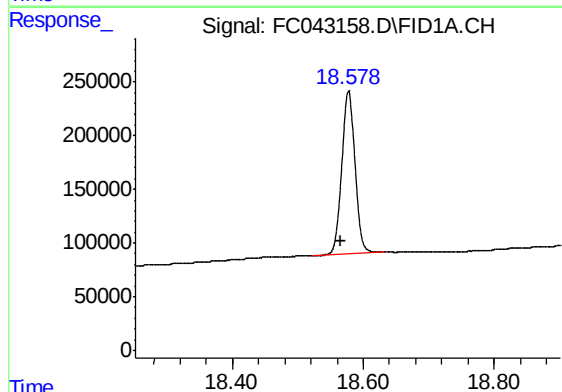
#16 n-Octacosane (C28)

R.T.: 16.865 min  
Delta R.T.: 0.011 min  
Response: 2141738  
Conc: 17.44 ug/ml



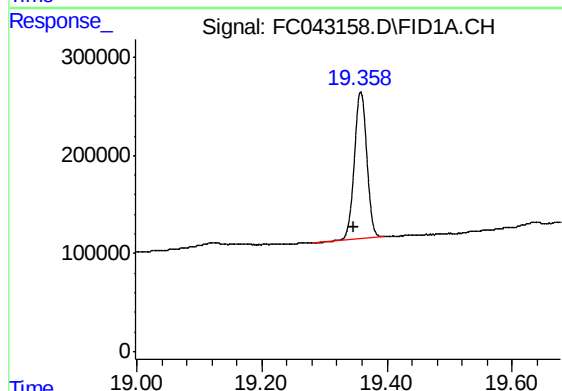
#17 n-Tricontane (C30)

R.T.: 17.750 min  
Delta R.T.: 0.013 min  
Response: 2156841  
Conc: 17.88 ug/ml



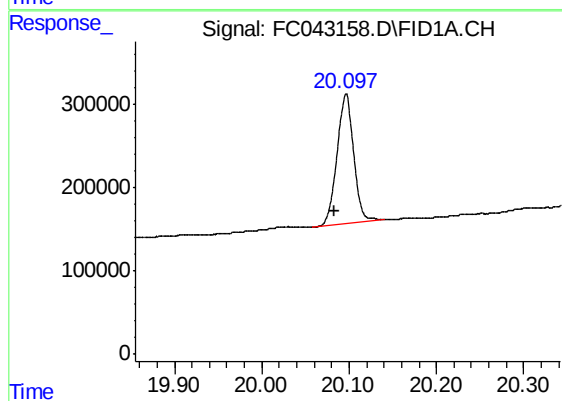
#18 n-Dotriacontane (C32)

R.T.: 18.577 min  
Delta R.T.: 0.012 min  
Response: 2129177  
Conc: 18.67 ug/ml



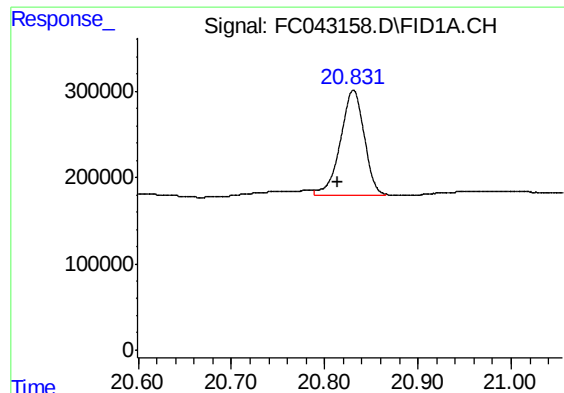
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min  
Delta R.T.: 0.011 min  
Response: 2060606  
Conc: 19.15 ug/ml



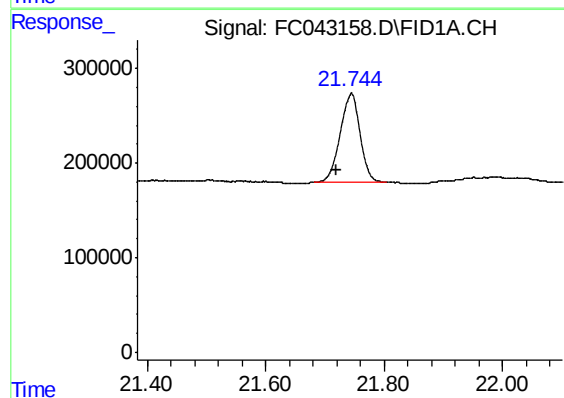
#20 n-Hexatriacontane (C36)

R.T.: 20.097 min  
Delta R.T.: 0.013 min  
Response: 2075407  
Conc: 19.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.831 min  
Delta R.T.: 0.016 min  
Response: 2140791  
Conc: 22.88 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.744 min  
Delta R.T.: 0.025 min  
Response: 2203616  
Conc: 22.81 ug/ml m