

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082719AL\  
 Data File : FC043144.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Aug 2019 2:43  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 28 04:23:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic 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)    | 11.628 | 2945660    | 20.573 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.15%       |
| 12) S 1-chlorooctadecane (S... | 13.050 | 2245484    | 20.553 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.11%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.459  | 2522945    | 21.183 ug/ml |
| 2) T n-Decane (C10)            | 4.515  | 2540543    | 21.365 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.094  | 2684674    | 22.009 ug/ml |
| 4) T n-Dodecane (C12)          | 6.510  | 2613454    | 21.362 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.140  | 2724306    | 22.194 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.289  | 2631679    | 21.289 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.876  | 2644300    | 21.210 ug/ml |
| 8) T n-Octadecane (C18)        | 11.307 | 2664101    | 20.945 ug/ml |
| 10) T n-Eicosane (C20)         | 12.607 | 2652559    | 20.662 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.215 | 2657942    | 20.524 ug/ml |
| 13) T n-Docosane (C22)         | 13.798 | 2626673    | 20.447 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.894 | 2593788    | 20.246 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.909 | 2516719    | 19.983 ug/ml |
| 16) T n-Octacosane (C28)       | 16.854 | 2427326    | 19.769 ug/ml |
| 17) T n-Tricontane (C30)       | 17.737 | 2349644    | 19.482 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.564 | 2206429    | 19.343 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.346 | 2079918    | 19.331 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.081 | 2016822    | 19.156 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.815 | 1879065    | 20.084 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.716 | 2293387    | 23.737 ug/ml |
| -----                          |        |            |              |

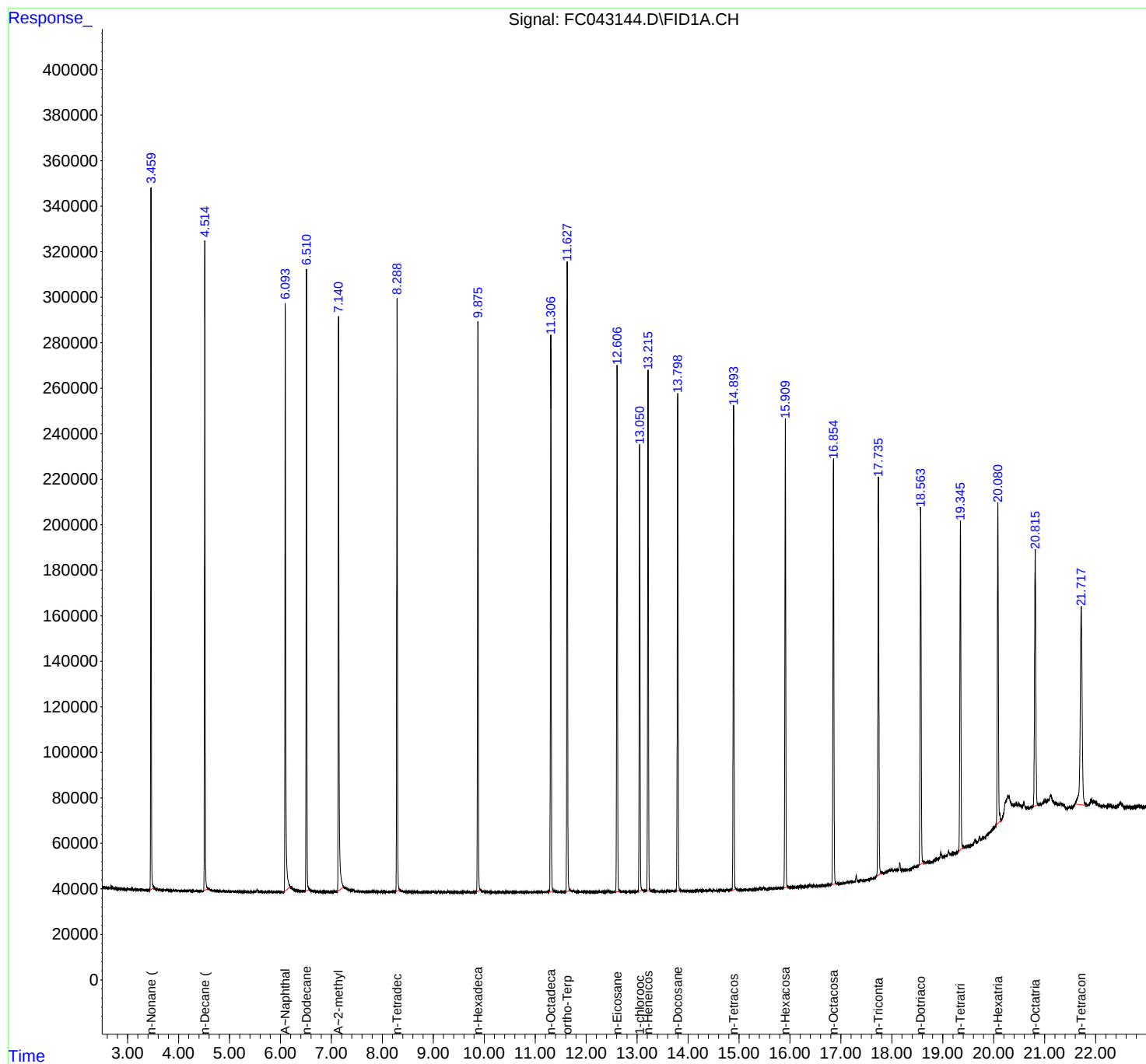
(f)=RT Delta > 1/2 Window

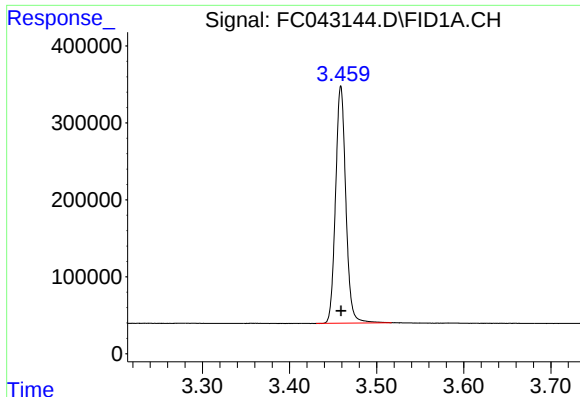
(m)=manual int.

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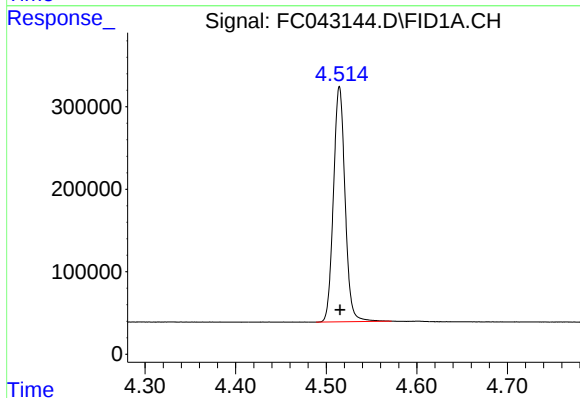
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





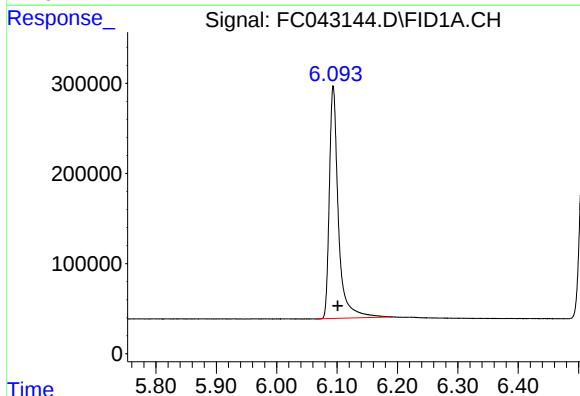
#1 n-Nonane (C9)

R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 2522945  
Conc: 21.18 ug/ml



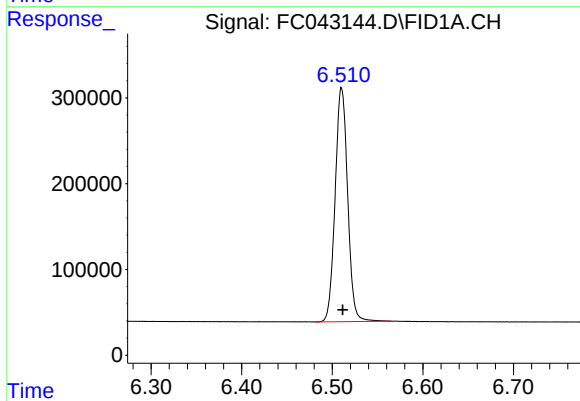
#2 n-Decane (C10)

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 2540543  
Conc: 21.37 ug/ml



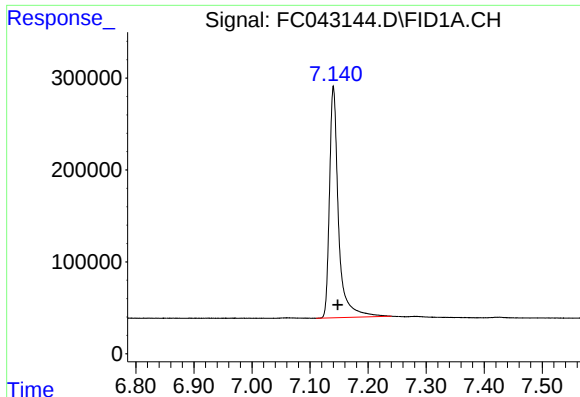
#3 A~Naphthalene (C11.7)

R.T.: 6.094 min  
Delta R.T.: -0.008 min  
Response: 2684674  
Conc: 22.01 ug/ml



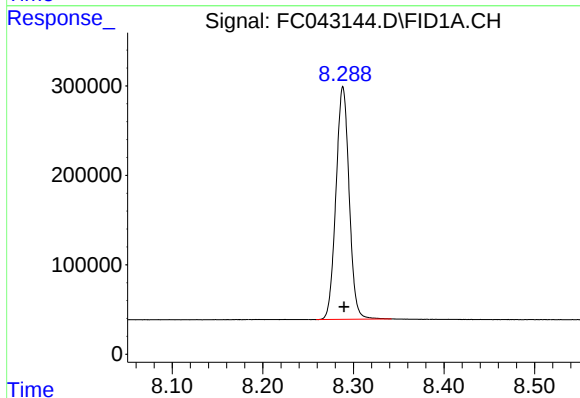
#4 n-Dodecane (C12)

R.T.: 6.510 min  
Delta R.T.: -0.001 min  
Response: 2613454  
Conc: 21.36 ug/ml



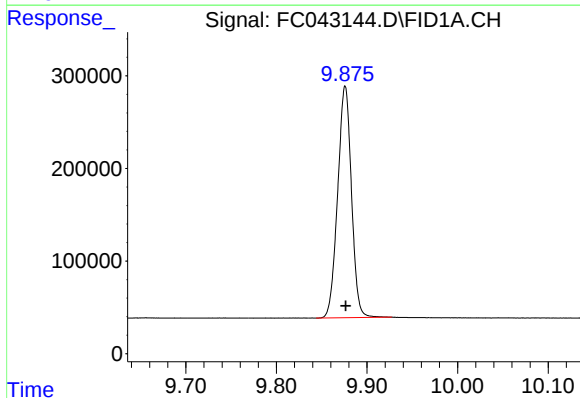
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.140 min  
Delta R.T.: -0.008 min  
Response: 2724306  
Conc: 22.19 ug/ml



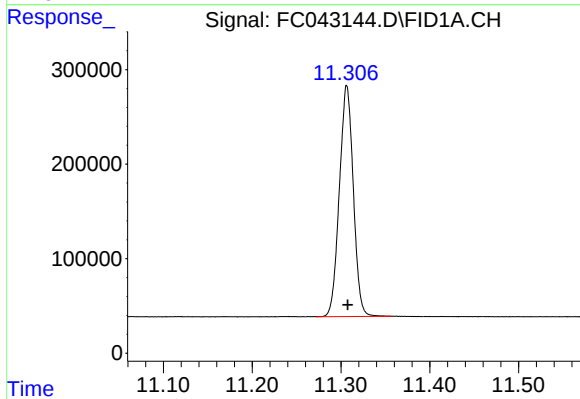
#6 n-Tetradecane (C14)

R.T.: 8.289 min  
Delta R.T.: -0.001 min  
Response: 2631679  
Conc: 21.29 ug/ml



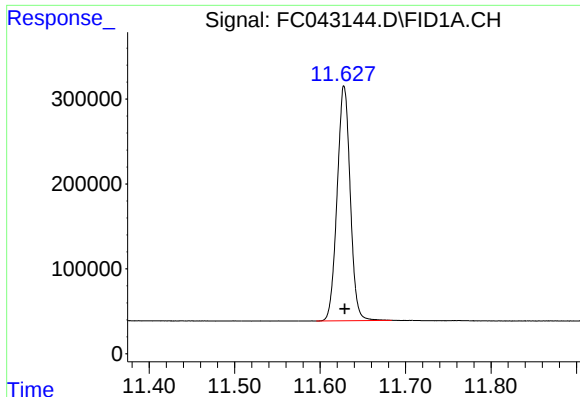
#7 n-Hexadecane (C16)

R.T.: 9.876 min  
Delta R.T.: 0.000 min  
Response: 2644300  
Conc: 21.21 ug/ml



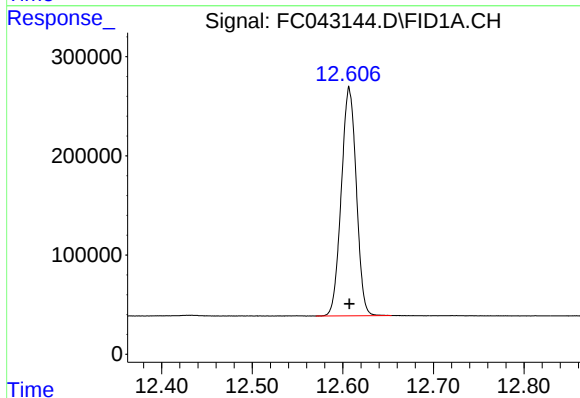
#8 n-Octadecane (C18)

R.T.: 11.307 min  
Delta R.T.: 0.000 min  
Response: 2664101  
Conc: 20.94 ug/ml



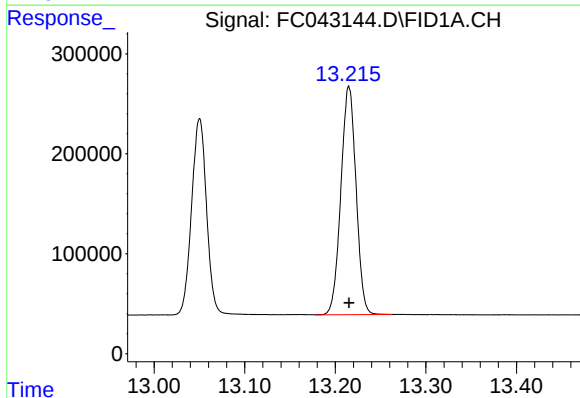
#9 ortho-Terphenyl (SURR)

R.T.: 11.628 min  
Delta R.T.: 0.000 min  
Response: 2945660  
Conc: 20.57 ug/ml



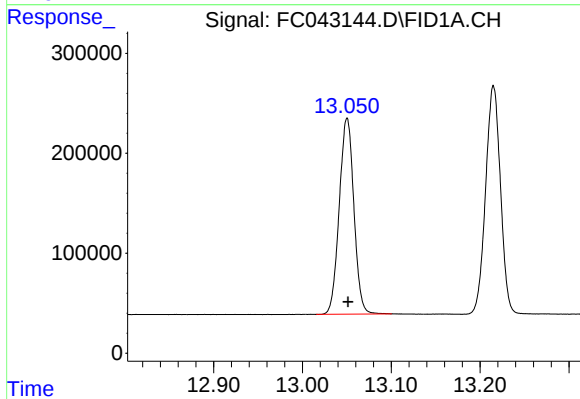
#10 n-Eicosane (C20)

R.T.: 12.607 min  
Delta R.T.: 0.000 min  
Response: 2652559  
Conc: 20.66 ug/ml



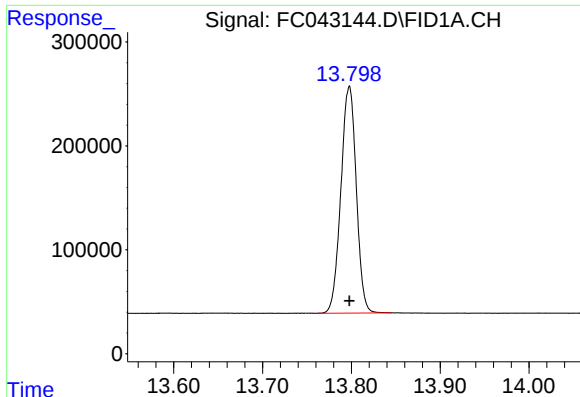
#11 n-Heneicosane (C21)

R.T.: 13.215 min  
Delta R.T.: 0.000 min  
Response: 2657942  
Conc: 20.52 ug/ml



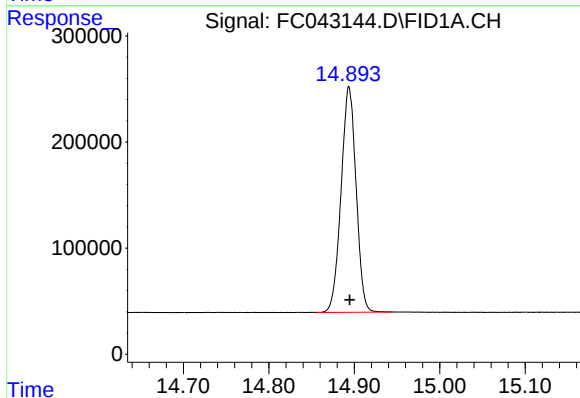
#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min  
Delta R.T.: 0.000 min  
Response: 2245484  
Conc: 20.55 ug/ml



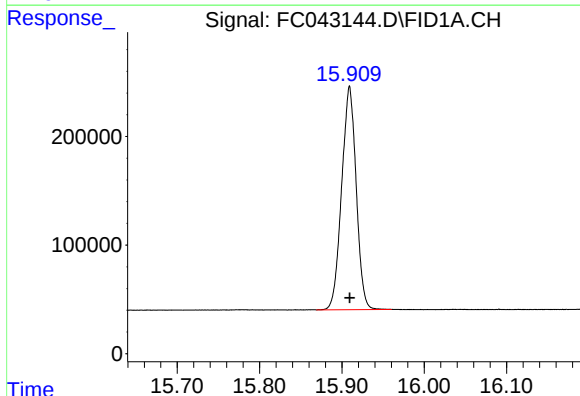
#13 n-Docosane (C22)

R.T.: 13.798 min  
Delta R.T.: 0.000 min  
Response: 2626673  
Conc: 20.45 ug/ml



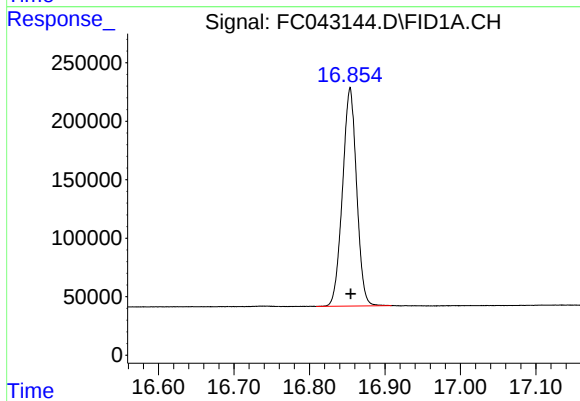
#14 n-Tetracosane (C24)

R.T.: 14.894 min  
Delta R.T.: 0.000 min  
Response: 2593788  
Conc: 20.25 ug/ml



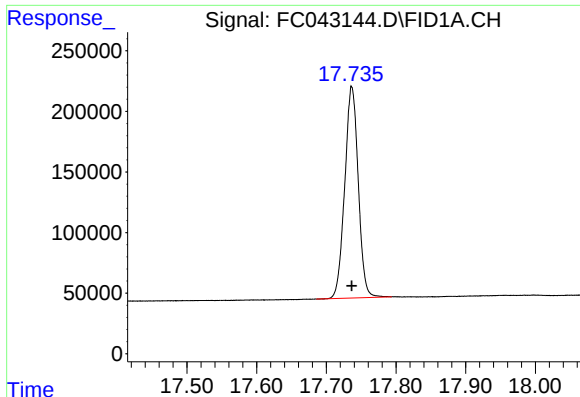
#15 n-Hexacosane (C26)

R.T.: 15.909 min  
Delta R.T.: 0.000 min  
Response: 2516719  
Conc: 19.98 ug/ml



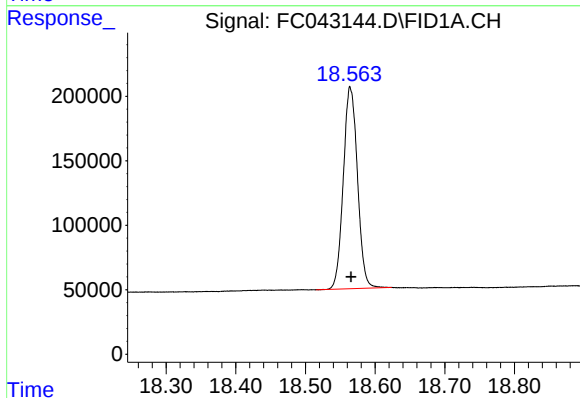
#16 n-Octacosane (C28)

R.T.: 16.854 min  
Delta R.T.: 0.000 min  
Response: 2427326  
Conc: 19.77 ug/ml



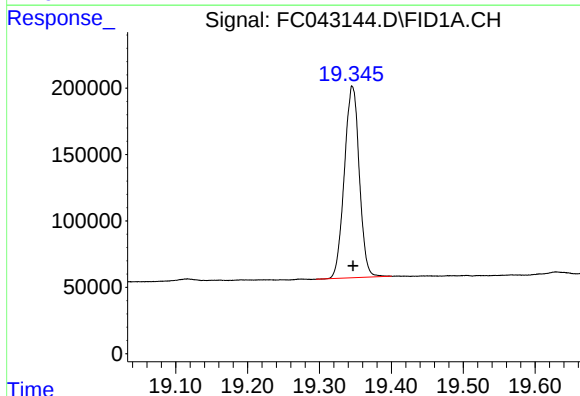
#17 n-Tricontane (C30)

R.T.: 17.737 min  
Delta R.T.: 0.000 min  
Response: 2349644  
Conc: 19.48 ug/ml



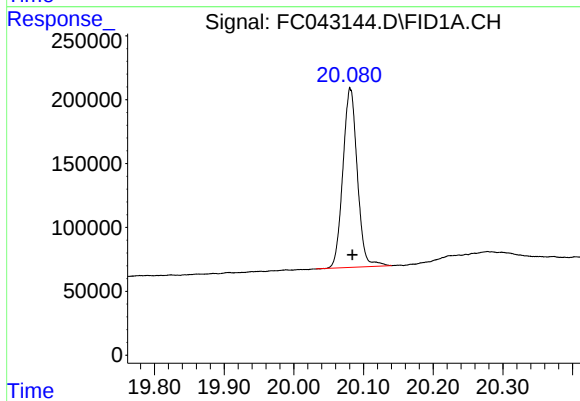
#18 n-Dotriacontane (C32)

R.T.: 18.564 min  
Delta R.T.: -0.001 min  
Response: 2206429  
Conc: 19.34 ug/ml



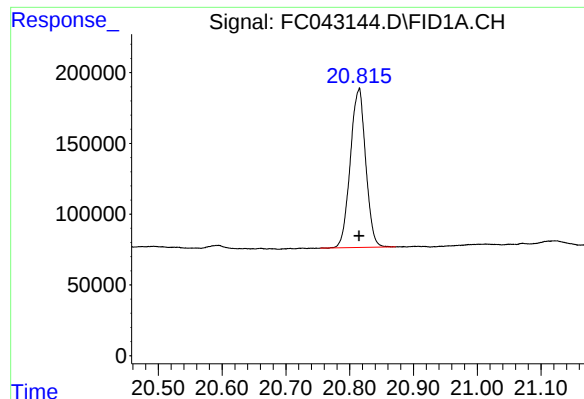
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min  
Delta R.T.: 0.000 min  
Response: 2079918  
Conc: 19.33 ug/ml



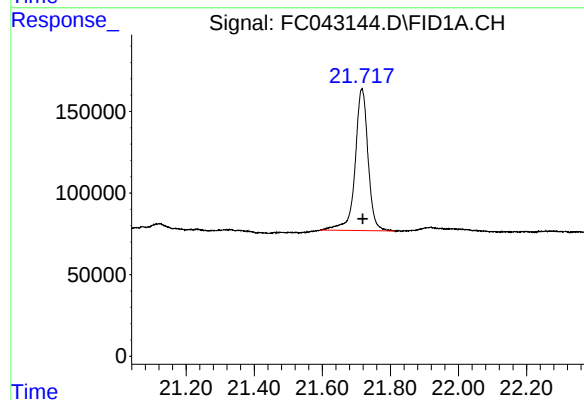
#20 n-Hexatriacontane (C36)

R.T.: 20.081 min  
Delta R.T.: -0.003 min  
Response: 2016822  
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min  
Delta R.T.: 0.000 min  
Response: 1879065  
Conc: 20.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.716 min  
Delta R.T.: -0.003 min  
Response: 2293387  
Conc: 23.74 ug/ml