

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020822AL\  
 Data File : FC058266.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Feb 2022 18:59  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 08 23:41:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020822.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 23:40:29 2022  
 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)    | 11.370 | 13304178   | 9.591 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 19.18%      |
| 12) S 1-chlorooctadecane (S... | 12.804 | 9437422    | 9.451 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 18.90%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.351  | 11705695   | 9.735 ug/ml |
| 2) T n-Decane (C10)            | 4.315  | 11699224   | 9.628 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.829  | 12954560   | 9.545 ug/ml |
| 4) T n-Dodecane (C12)          | 6.266  | 12255407   | 9.635 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.869  | 12702474   | 9.532 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.042  | 12281061   | 9.617 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.632  | 12125028   | 9.626 ug/ml |
| 8) T n-Octadecane (C18)        | 11.066 | 12175745   | 9.617 ug/ml |
| 10) T n-Eicosane (C20)         | 12.367 | 11768736   | 9.590 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.975 | 11752553   | 9.555 ug/ml |
| 13) T n-Docosane (C22)         | 13.558 | 11446933   | 9.513 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.656 | 11102952   | 9.473 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.673 | 10605585   | 9.483 ug/ml |
| 16) T n-Octacosane (C28)       | 16.619 | 10392604   | 9.597 ug/ml |
| 17) T n-Tricontane (C30)       | 17.502 | 9985781    | 9.695 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.331 | 8965343    | 9.691 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.112 | 7451012    | 9.822 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.848 | 5776236    | 9.903 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.550 | 4199061    | 9.917 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.370 | 2640265    | 9.323 ug/ml |
| -----                          |        |            |             |

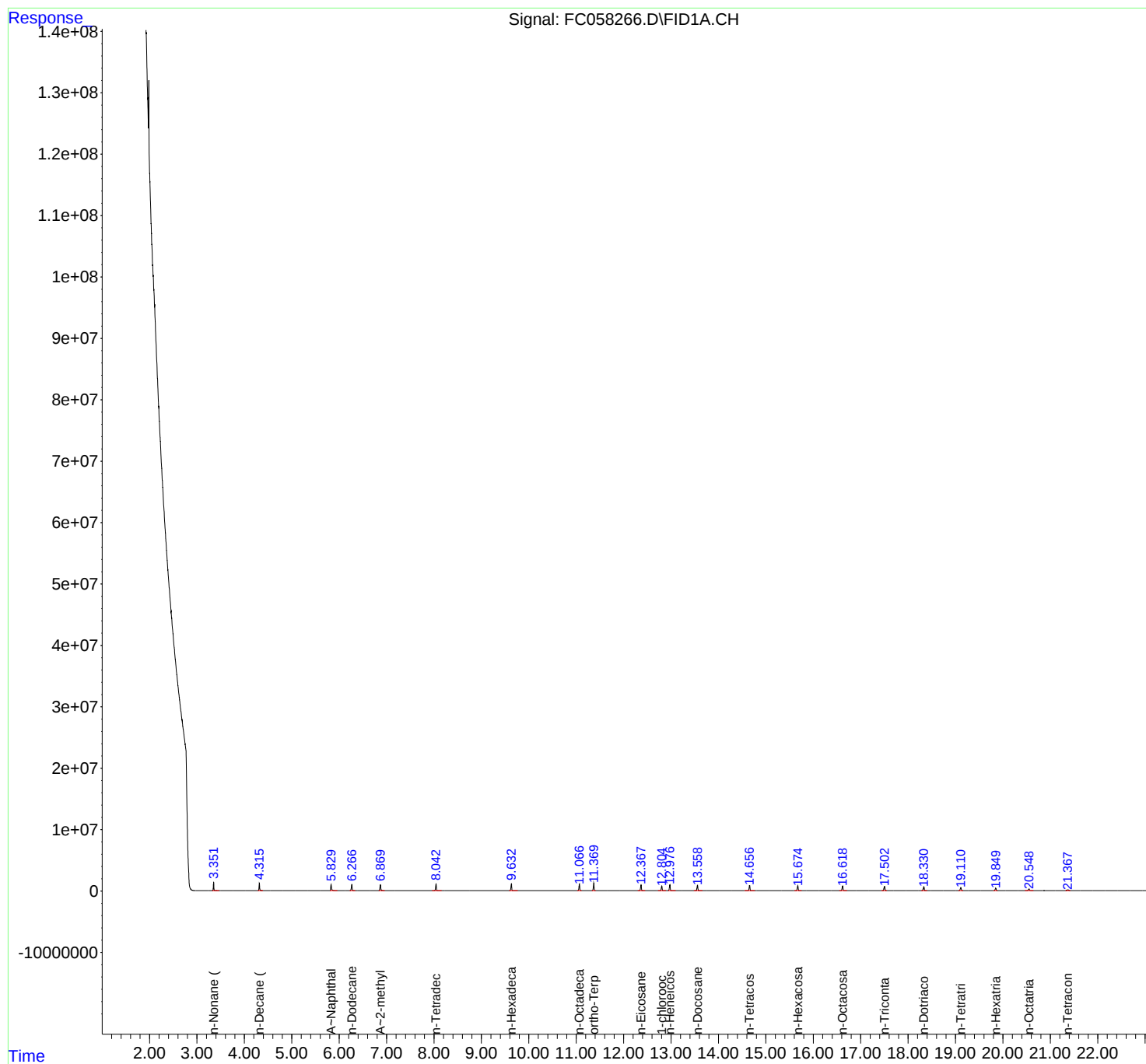
(f)=RT Delta > 1/2 Window

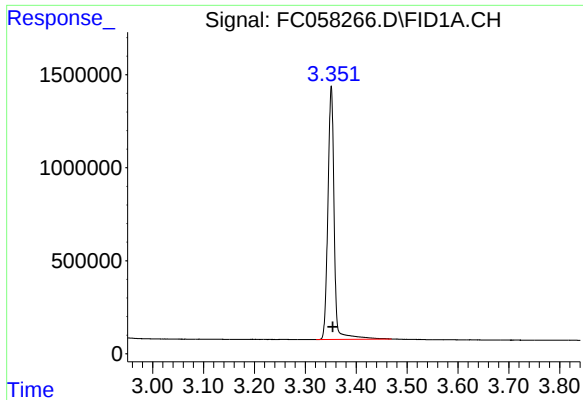
(m)=manual int.

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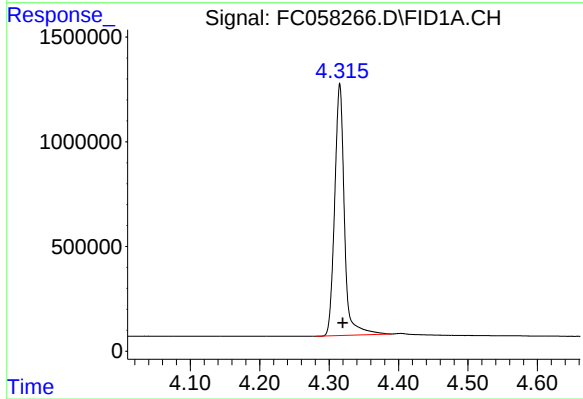
Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





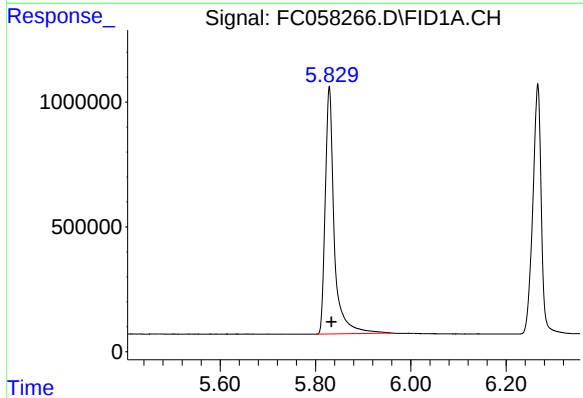
#1 n-Nonane (C9)

R.T.: 3.351 min  
Delta R.T.: -0.003 min  
Response: 11705695  
Conc: 9.74 ug/ml



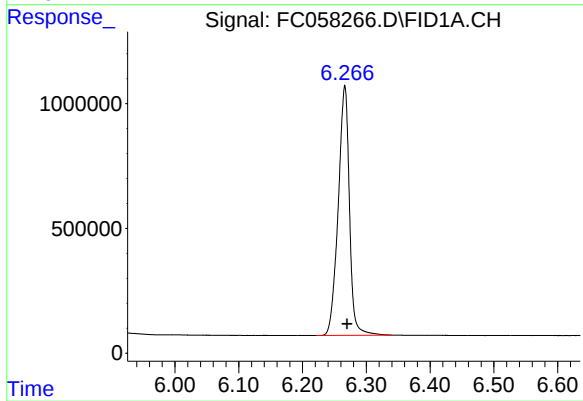
#2 n-Decane (C10)

R.T.: 4.315 min  
Delta R.T.: -0.005 min  
Response: 11699224  
Conc: 9.63 ug/ml



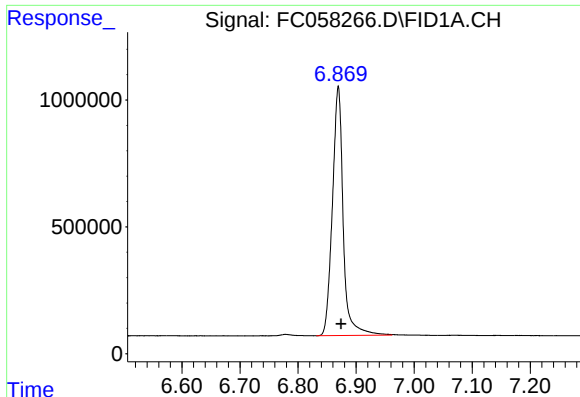
#3 A~Naphthalene (C11.7)

R.T.: 5.829 min  
Delta R.T.: -0.004 min  
Response: 12954560  
Conc: 9.54 ug/ml



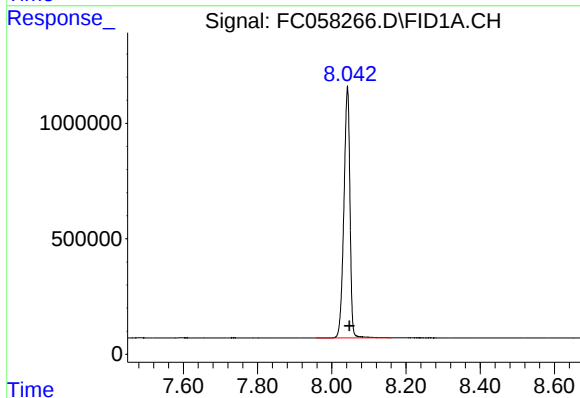
#4 n-Dodecane (C12)

R.T.: 6.266 min  
Delta R.T.: -0.004 min  
Response: 12255407  
Conc: 9.63 ug/ml



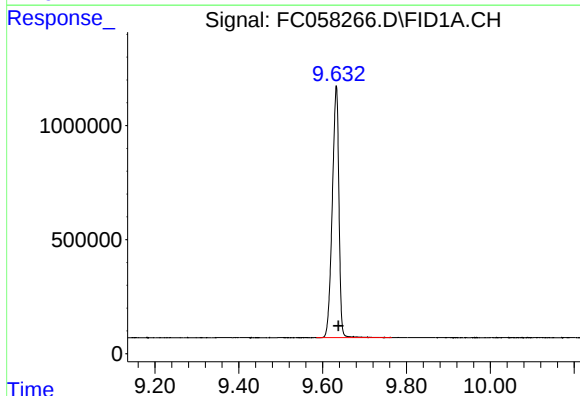
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.869 min  
Delta R.T.: -0.005 min  
Response: 12702474  
Conc: 9.53 ug/ml



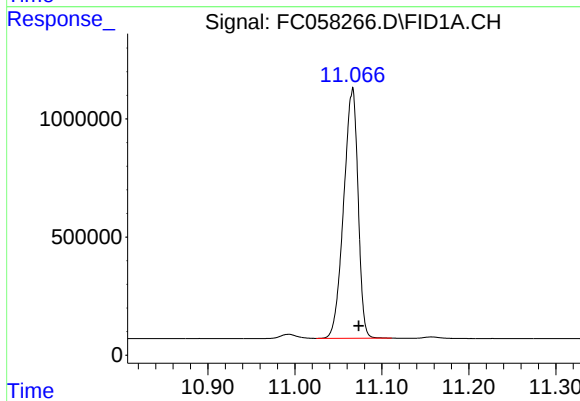
#6 n-Tetradecane (C14)

R.T.: 8.042 min  
Delta R.T.: -0.006 min  
Response: 12281061  
Conc: 9.62 ug/ml



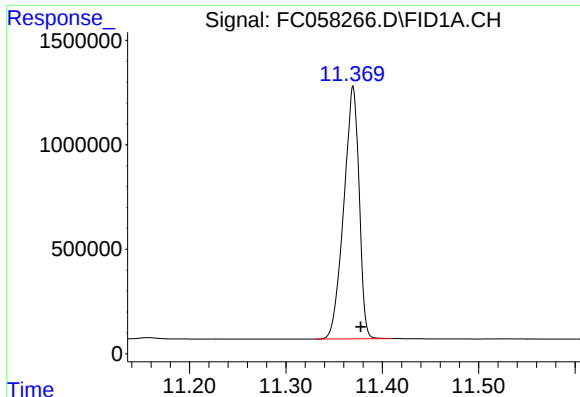
#7 n-Hexadecane (C16)

R.T.: 9.632 min  
Delta R.T.: -0.005 min  
Response: 12125028  
Conc: 9.63 ug/ml



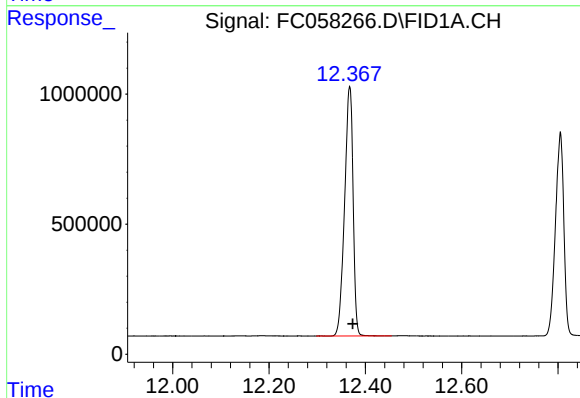
#8 n-Octadecane (C18)

R.T.: 11.066 min  
Delta R.T.: -0.008 min  
Response: 12175745  
Conc: 9.62 ug/ml



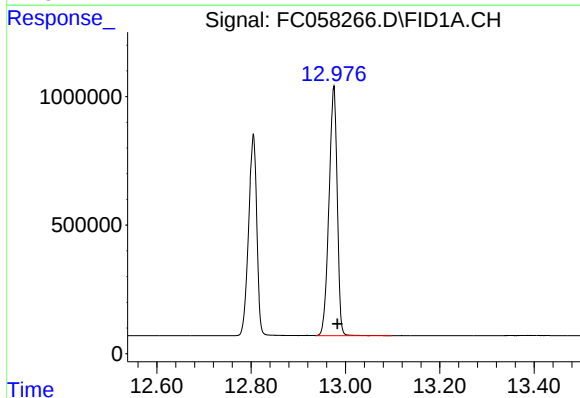
#9 ortho-Terphenyl (SURR)

R.T.: 11.370 min  
Delta R.T.: -0.008 min  
Response: 13304178  
Conc: 9.59 ug/ml



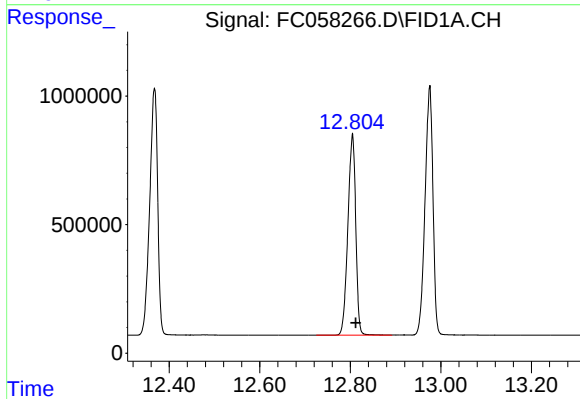
#10 n-Eicosane (C20)

R.T.: 12.367 min  
Delta R.T.: -0.006 min  
Response: 11768736  
Conc: 9.59 ug/ml



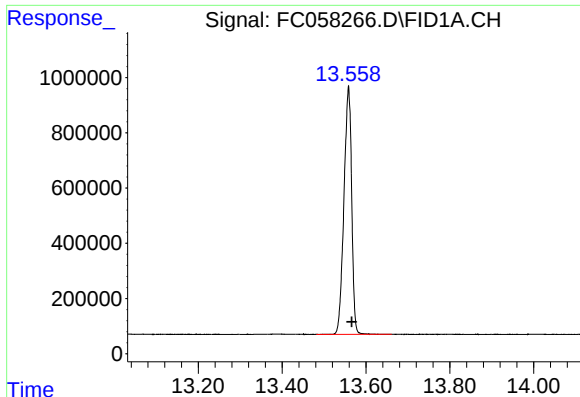
#11 n-Heneicosane (C21)

R.T.: 12.975 min  
Delta R.T.: -0.008 min  
Response: 11752553  
Conc: 9.55 ug/ml



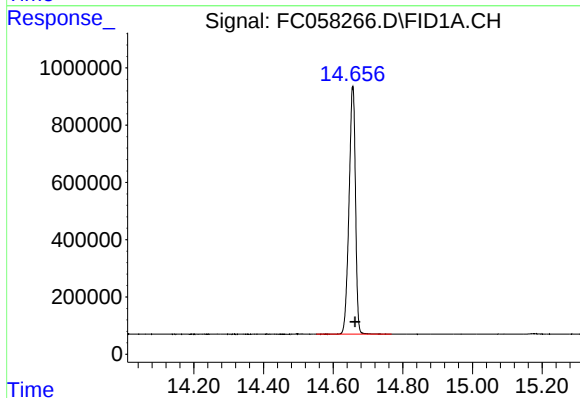
#12 1-chlorooctadecane (SURR)

R.T.: 12.804 min  
Delta R.T.: -0.007 min  
Response: 9437422  
Conc: 9.45 ug/ml



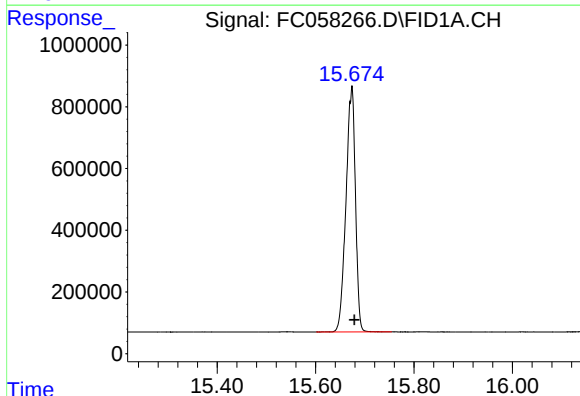
#13 n-Docosane (C22)

R.T.: 13.558 min  
Delta R.T.: -0.008 min  
Response: 11446933  
Conc: 9.51 ug/ml



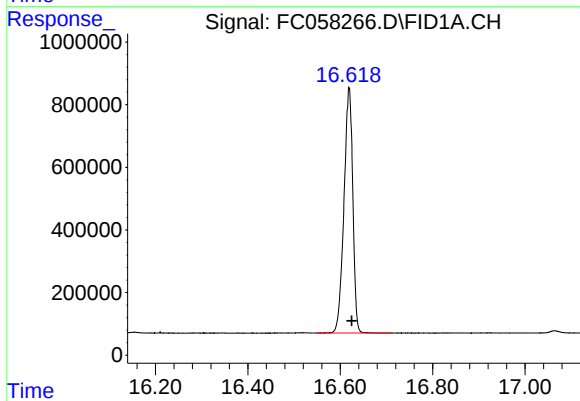
#14 n-Tetracosane (C24)

R.T.: 14.656 min  
Delta R.T.: -0.007 min  
Response: 11102952  
Conc: 9.47 ug/ml



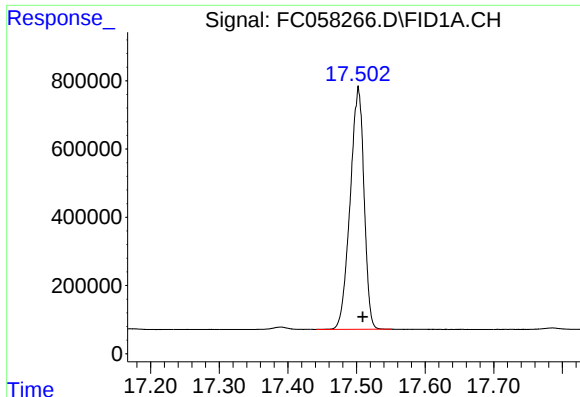
#15 n-Hexacosane (C26)

R.T.: 15.673 min  
Delta R.T.: -0.006 min  
Response: 10605585  
Conc: 9.48 ug/ml



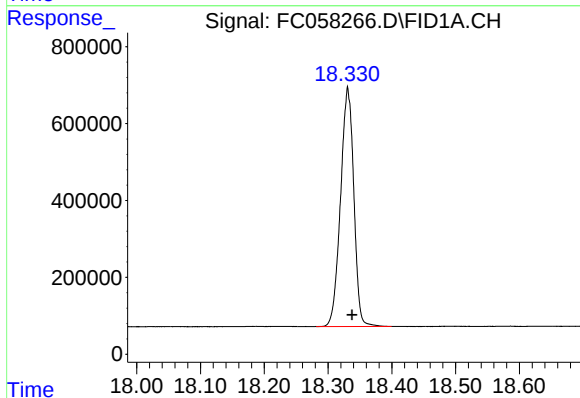
#16 n-Octacosane (C28)

R.T.: 16.619 min  
Delta R.T.: -0.006 min  
Response: 10392604  
Conc: 9.60 ug/ml



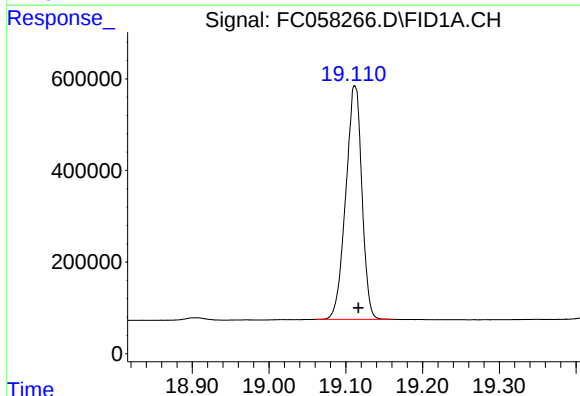
#17 n-Tricontane (C30)

R.T.: 17.502 min  
Delta R.T.: -0.007 min  
Response: 9985781  
Conc: 9.70 ug/ml



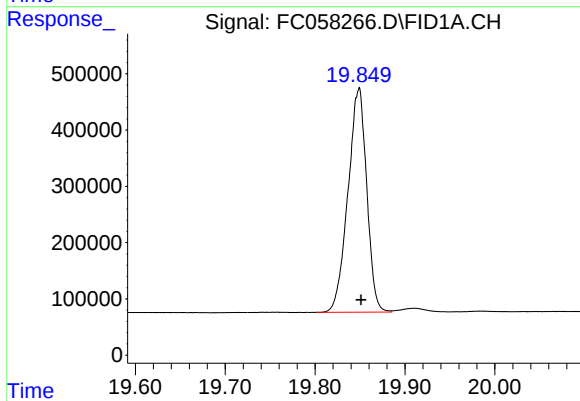
#18 n-Dotriacontane (C32)

R.T.: 18.331 min  
Delta R.T.: -0.006 min  
Response: 8965343  
Conc: 9.69 ug/ml



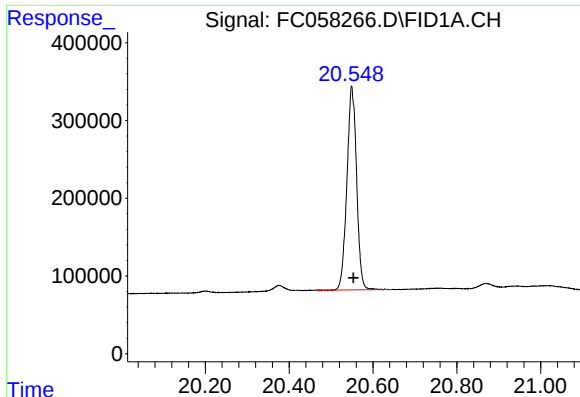
#19 n-Tetratriacontane (C34)

R.T.: 19.112 min  
Delta R.T.: -0.005 min  
Response: 7451012  
Conc: 9.82 ug/ml



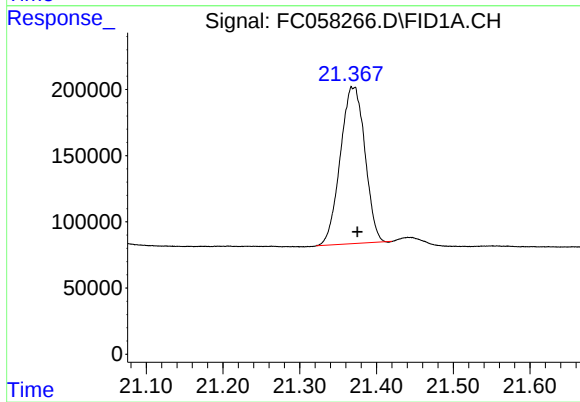
#20 n-Hexatriacontane (C36)

R.T.: 19.848 min  
Delta R.T.: -0.003 min  
Response: 5776236  
Conc: 9.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.550 min  
Delta R.T.: -0.004 min  
Response: 4199061  
Conc: 9.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.370 min  
Delta R.T.: -0.006 min  
Response: 2640265  
Conc: 9.32 ug/ml