

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032122AL\  
 Data File : FC058839.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Mar 2022 10:42  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 22 03:08:52 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 23 17:15:11 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)    | 11.399 | 2481669    | 17.038 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.08%       |
| 12) S 1-chlorooctadecane (S... | 12.828 | 1888573    | 16.661 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.254  | 2134926    | 17.754 ug/ml |
| 2) T n-Decane (C10)            | 4.305  | 2131633    | 17.913 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.870  | 2151801    | 16.580 ug/ml |
| 4) T n-Dodecane (C12)          | 6.298  | 2234577    | 18.165 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.914  | 2128507    | 16.327 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.075  | 2254351    | 17.991 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.660  | 2267416    | 17.607 ug/ml |
| 8) T n-Octadecane (C18)        | 11.091 | 2280923    | 17.333 ug/ml |
| 10) T n-Eicosane (C20)         | 12.389 | 2254103    | 17.142 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.997 | 2248326    | 17.012 ug/ml |
| 13) T n-Docosane (C22)         | 13.578 | 2219828    | 17.027 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.674 | 2163610    | 16.755 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.688 | 2092963    | 16.920 ug/ml |
| 16) T n-Octacosane (C28)       | 16.632 | 2040685    | 17.144 ug/ml |
| 17) T n-Tricontane (C30)       | 17.515 | 1985857    | 17.642 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.343 | 1863020    | 17.325 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.122 | 1773957    | 18.309 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.858 | 1624803    | 18.010 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.561 | 1587967    | 18.248 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.386 | 1425392    | 16.986 ug/ml |
| -----                          |        |            |              |

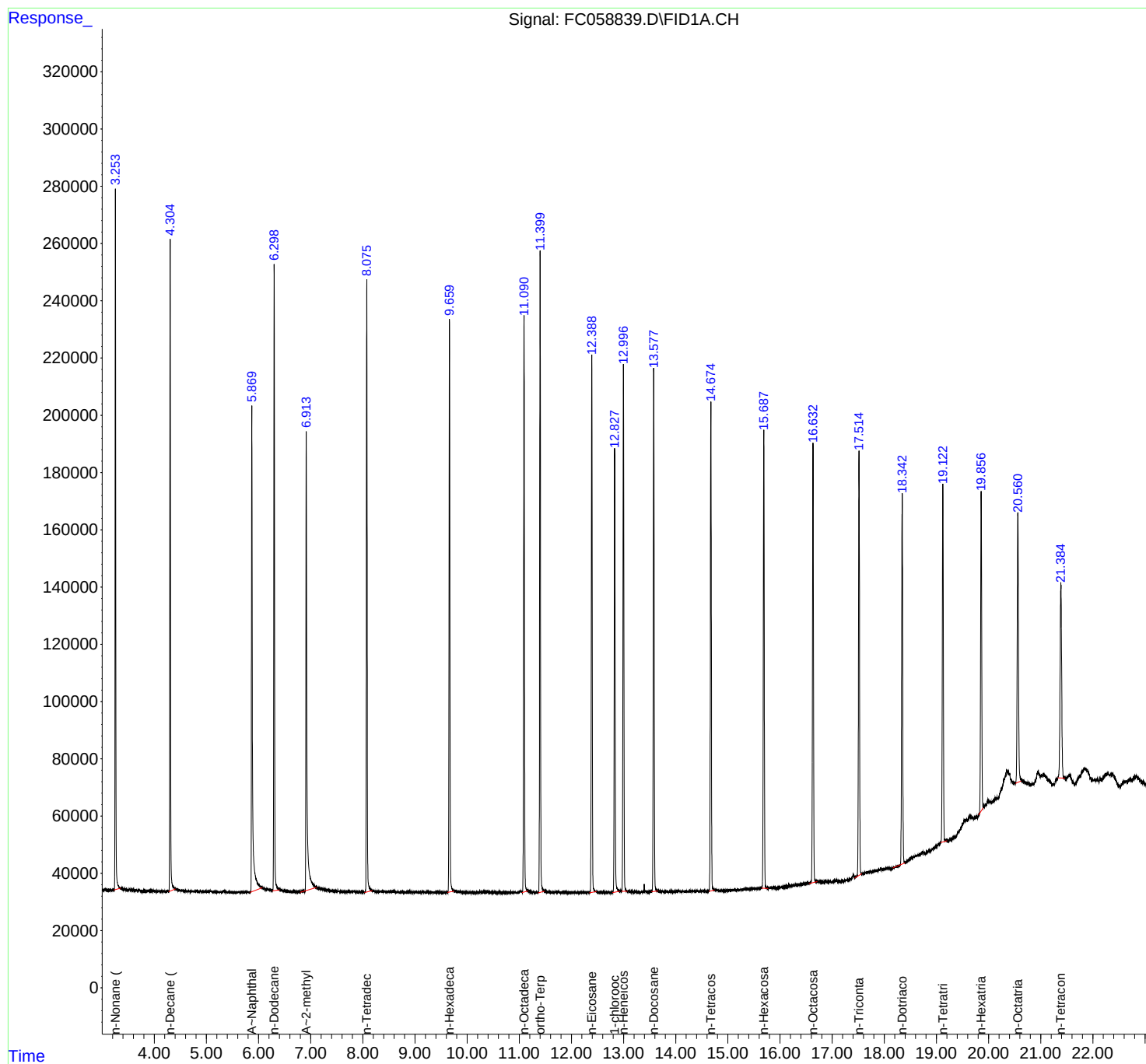
(f)=RT Delta > 1/2 Window

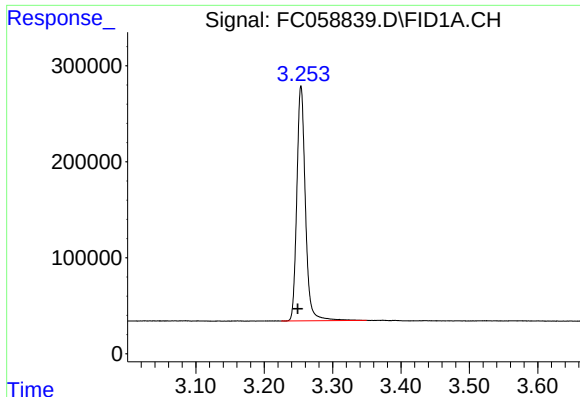
(m)=manual int.

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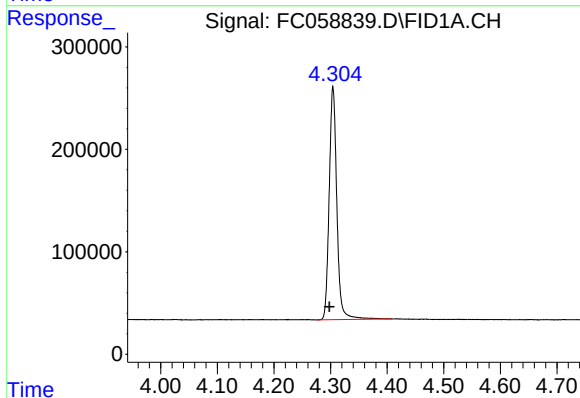
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





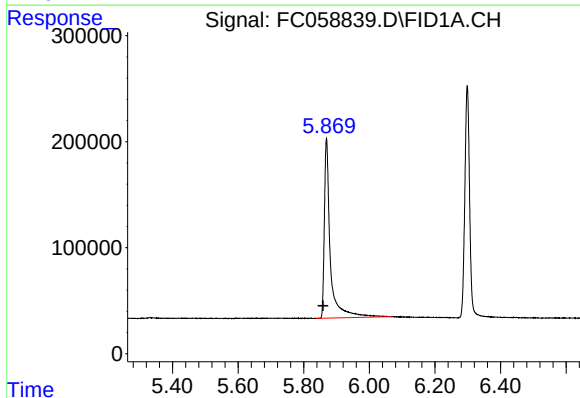
#1 n-Nonane (C9)

R.T.: 3.254 min  
Delta R.T.: 0.005 min  
Response: 2134926  
Conc: 17.75 ug/ml



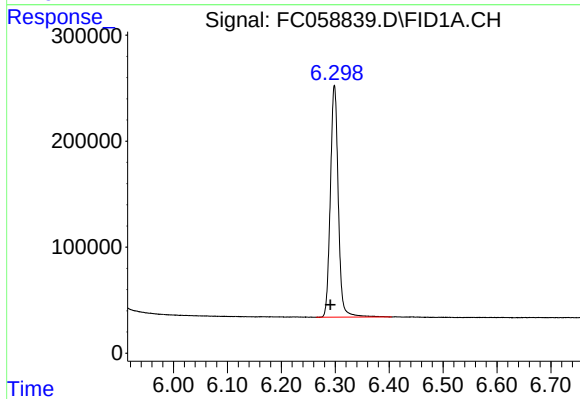
#2 n-Decane (C10)

R.T.: 4.305 min  
Delta R.T.: 0.007 min  
Response: 2131633  
Conc: 17.91 ug/ml



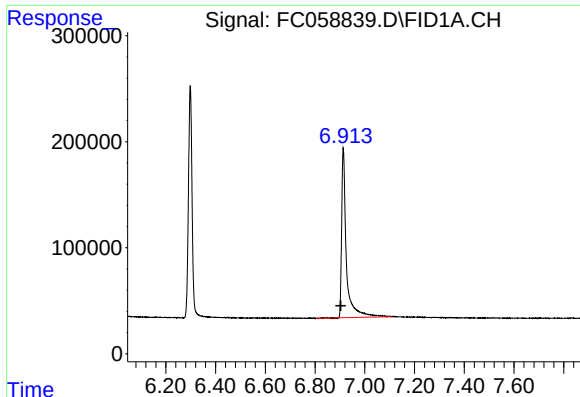
#3 A~Naphthalene (C11.7)

R.T.: 5.870 min  
Delta R.T.: 0.011 min  
Response: 2151801  
Conc: 16.58 ug/ml



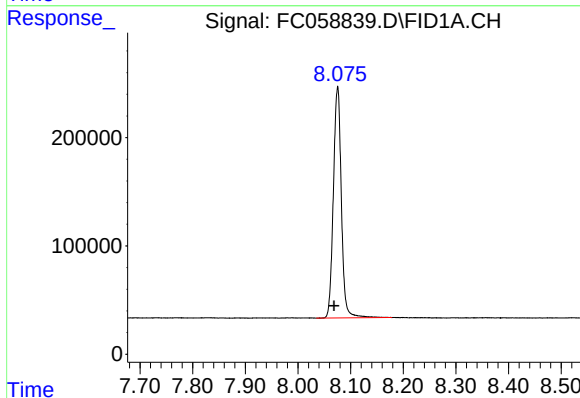
#4 n-Dodecane (C12)

R.T.: 6.298 min  
Delta R.T.: 0.007 min  
Response: 2234577  
Conc: 18.16 ug/ml



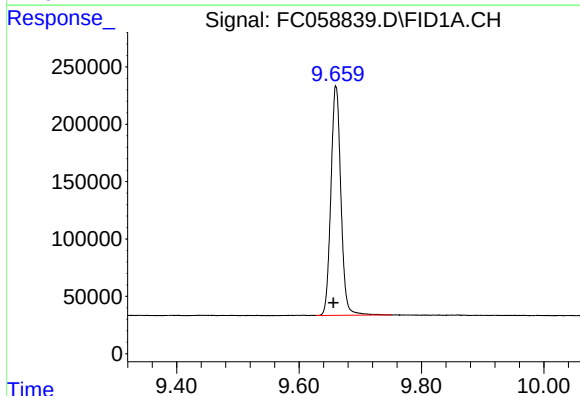
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min  
Delta R.T.: 0.011 min  
Response: 2128507  
Conc: 16.33 ug/ml



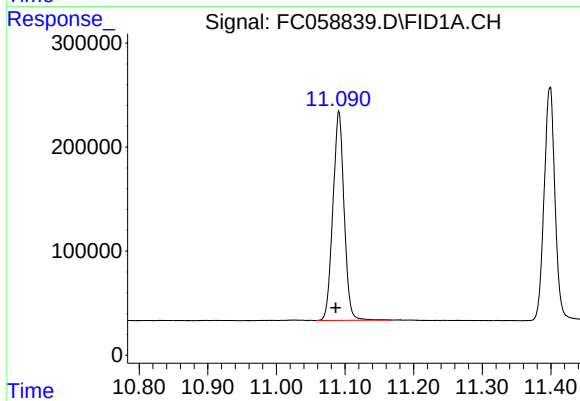
#6 n-Tetradecane (C14)

R.T.: 8.075 min  
Delta R.T.: 0.006 min  
Response: 2254351  
Conc: 17.99 ug/ml



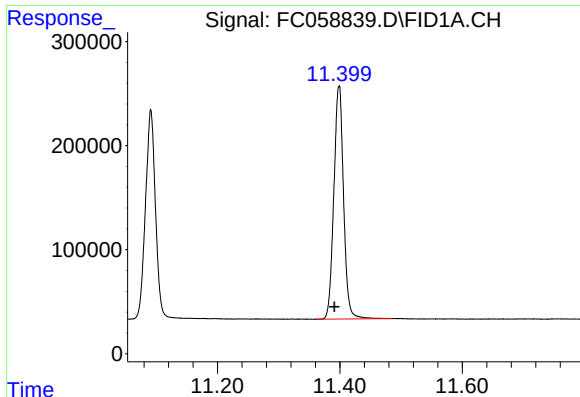
#7 n-Hexadecane (C16)

R.T.: 9.660 min  
Delta R.T.: 0.004 min  
Response: 2267416  
Conc: 17.61 ug/ml



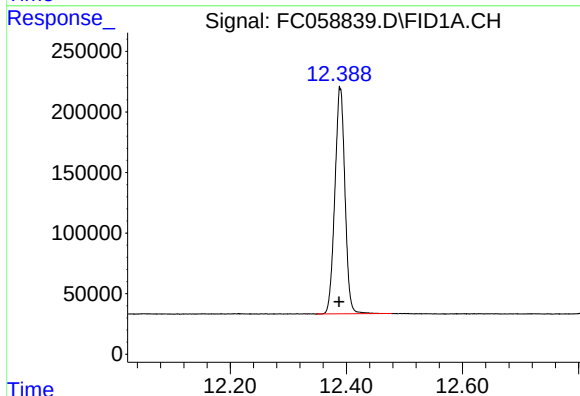
#8 n-Octadecane (C18)

R.T.: 11.091 min  
Delta R.T.: 0.005 min  
Response: 2280923  
Conc: 17.33 ug/ml



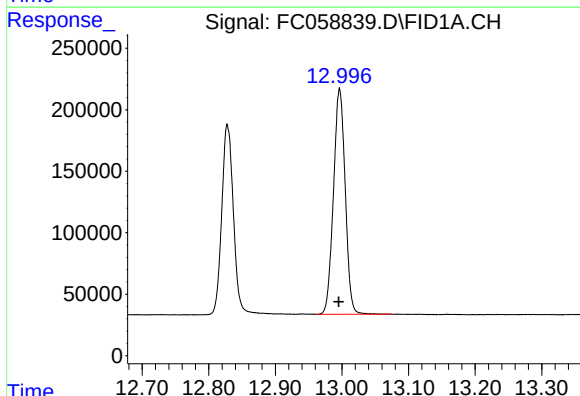
#9 ortho-Terphenyl (SURR)

R.T.: 11.399 min  
Delta R.T.: 0.007 min  
Response: 2481669  
Conc: 17.04 ug/ml



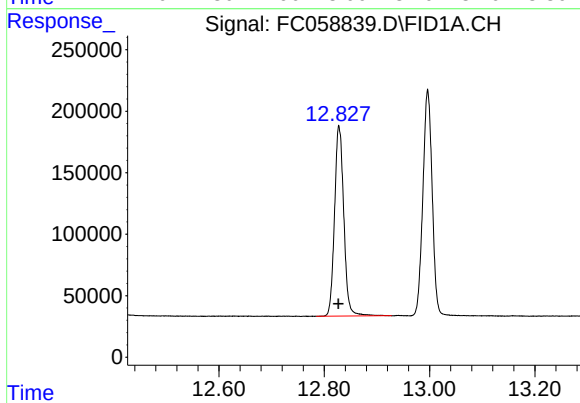
#10 n-Eicosane (C20)

R.T.: 12.389 min  
Delta R.T.: 0.002 min  
Response: 2254103  
Conc: 17.14 ug/ml



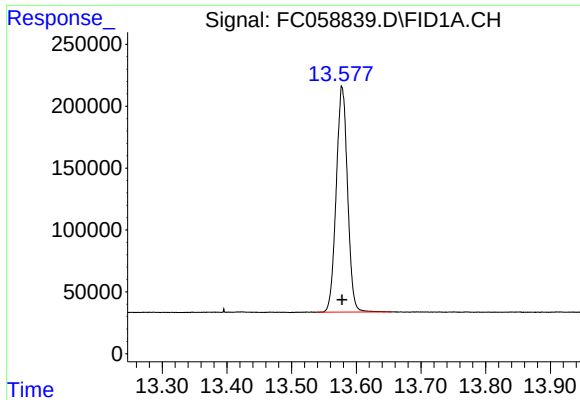
#11 n-Heneicosane (C21)

R.T.: 12.997 min  
Delta R.T.: 0.001 min  
Response: 2248326  
Conc: 17.01 ug/ml



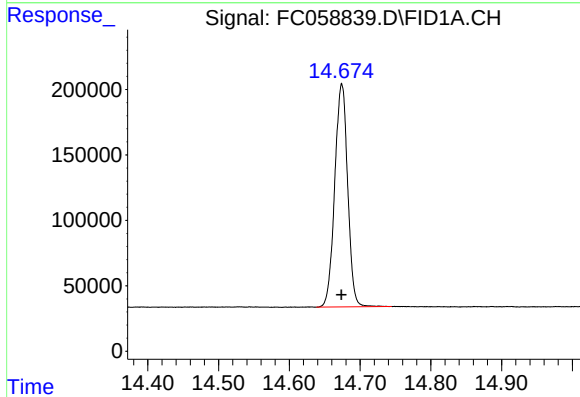
#12 1-chlorooctadecane (SURR)

R.T.: 12.828 min  
Delta R.T.: 0.001 min  
Response: 1888573  
Conc: 16.66 ug/ml



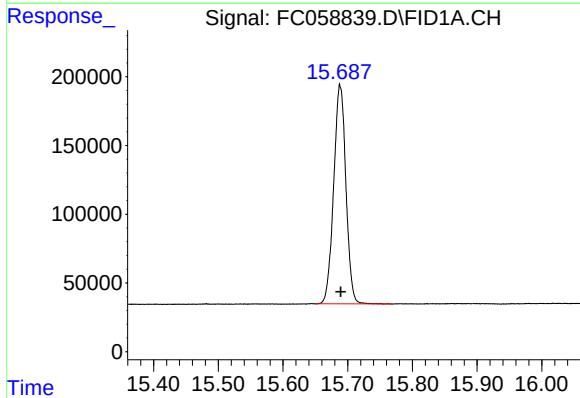
#13 n-Docosane (C22)

R.T.: 13.578 min  
Delta R.T.: 0.000 min  
Response: 2219828  
Conc: 17.03 ug/ml



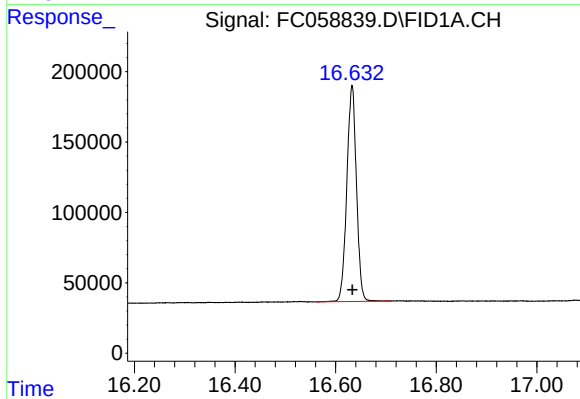
#14 n-Tetracosane (C24)

R.T.: 14.674 min  
Delta R.T.: 0.000 min  
Response: 2163610  
Conc: 16.75 ug/ml



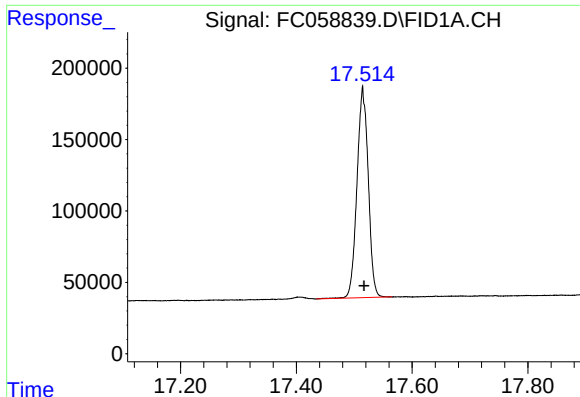
#15 n-Hexacosane (C26)

R.T.: 15.688 min  
Delta R.T.: -0.001 min  
Response: 2092963  
Conc: 16.92 ug/ml



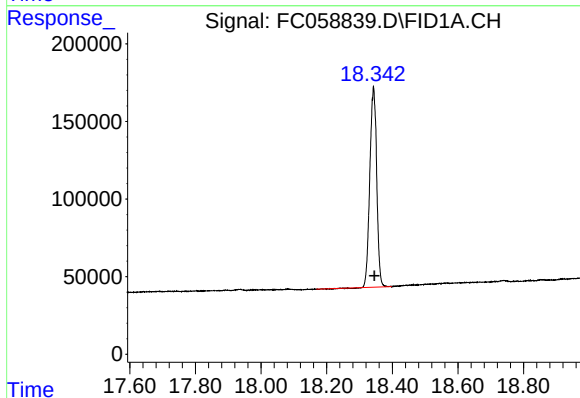
#16 n-Octacosane (C28)

R.T.: 16.632 min  
Delta R.T.: 0.000 min  
Response: 2040685  
Conc: 17.14 ug/ml



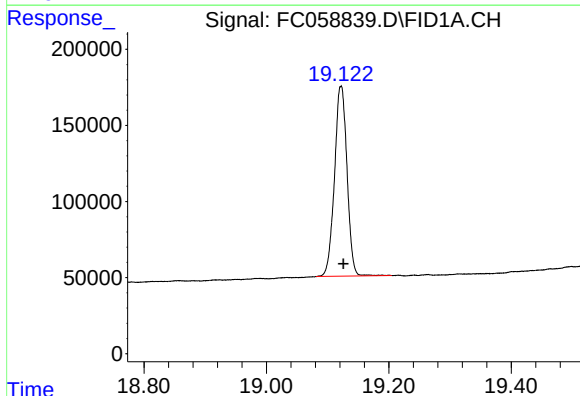
#17 n-Tricontane (C30)

R.T.: 17.515 min  
Delta R.T.: -0.002 min  
Response: 1985857  
Conc: 17.64 ug/ml



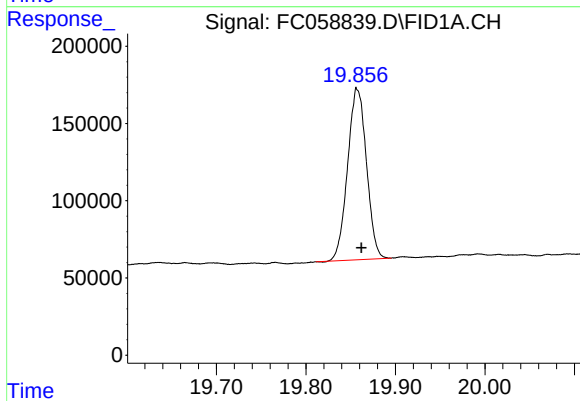
#18 n-Dotriacontane (C32)

R.T.: 18.343 min  
Delta R.T.: -0.003 min  
Response: 1863020  
Conc: 17.33 ug/ml



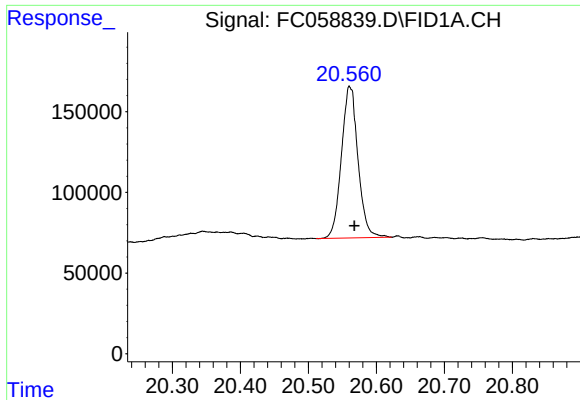
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min  
Delta R.T.: -0.004 min  
Response: 1773957  
Conc: 18.31 ug/ml



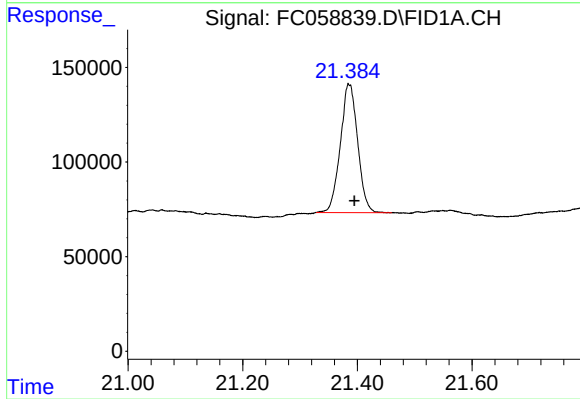
#20 n-Hexatriacontane (C36)

R.T.: 19.858 min  
Delta R.T.: -0.005 min  
Response: 1624803  
Conc: 18.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.561 min  
Delta R.T.: -0.007 min  
Response: 1587967  
Conc: 18.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.386 min  
Delta R.T.: -0.009 min  
Response: 1425392  
Conc: 16.99 ug/ml