

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080718AL\  
 Data File : FC035795.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Aug 2018 12:11  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 08 00:44:28 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 080218.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 02 15:00:20 2018  
 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)    | 11.422 | 2080841    | 20.548 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.10%        |
| 12) S 1-chlorooctadecane (S... | 12.862 | 1491113    | 19.352 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.70%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.221  | 1405112    | 20.230 ug/ml  |
| 2) T n-Decane (C10)            | 4.289  | 1461272    | 20.764 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.862  | 1779638    | 22.127 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.301  | 1579395    | 21.528 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.912  | 1863743    | 22.758 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.088  | 1702882    | 21.742 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.681  | 1753768    | 20.797 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.117 | 1770240    | 19.999 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.421 | 1759756    | 19.531 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.031 | 1732333    | 19.343 ug/ml  |
| 13) T n-Docosane (C22)         | 13.614 | 1723060    | 19.622 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.714 | 1711715    | 19.929 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.730 | 1699289    | 20.222 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.678 | 1705207    | 19.563 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.562 | 1691684    | 17.312 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.391 | 1711455    | 18.701 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.173 | 1699412    | 19.910 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.908 | 1653077    | 21.130 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.621 | 1605302    | 21.007 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.473 | 1611249    | 21.083 ug/ml  |
| -----                          |        |            |               |

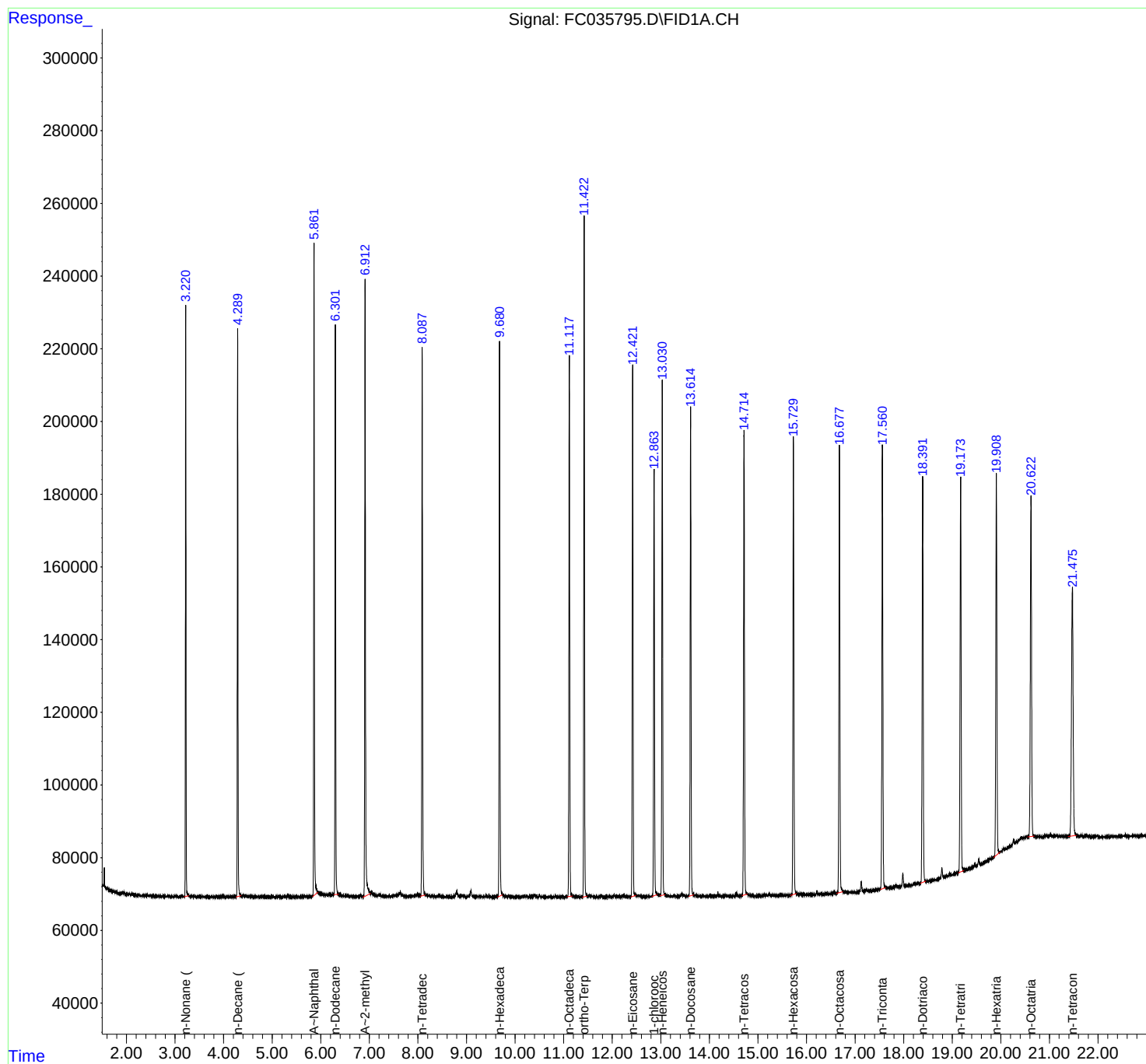
(f)=RT Delta > 1/2 Window

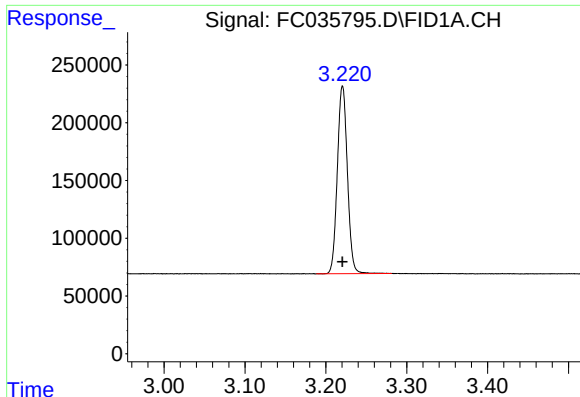
(m)=manual int.

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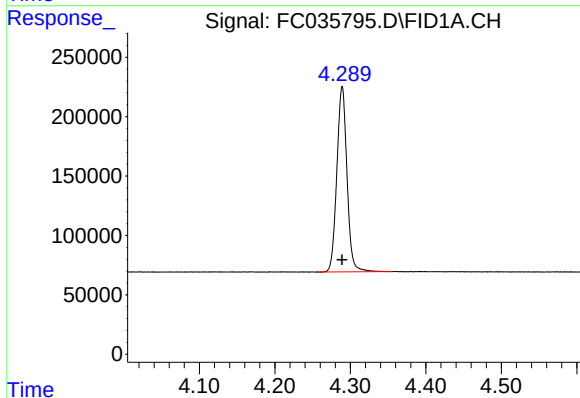
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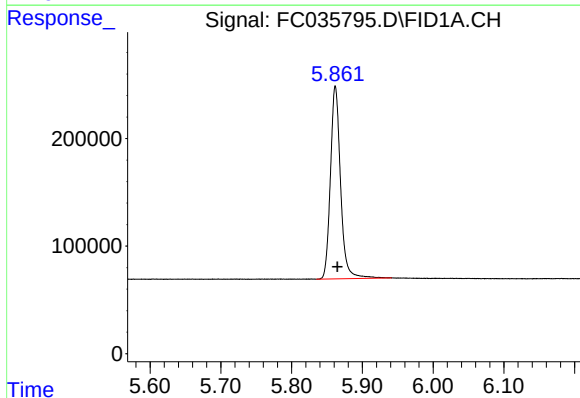
#1 n-Nonane (C9)

R.T.: 3.221 min  
Delta R.T.: 0.000 min  
Response: 1405112  
Conc: 20.23 ug/ml



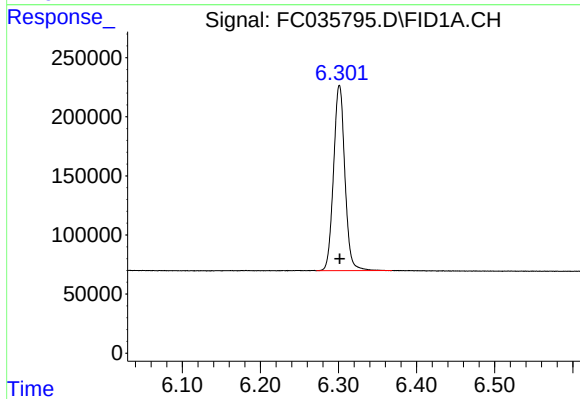
#2 n-Decane (C10)

R.T.: 4.289 min  
Delta R.T.: 0.000 min  
Response: 1461272  
Conc: 20.76 ug/ml



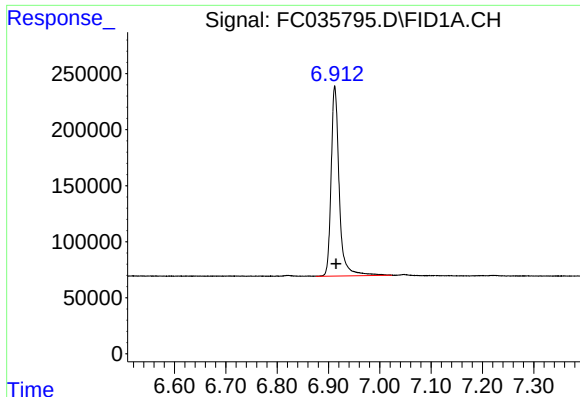
#3 A~Naphthalene (C11.7)

R.T.: 5.862 min  
Delta R.T.: -0.003 min  
Response: 1779638  
Conc: 22.13 ug/ml



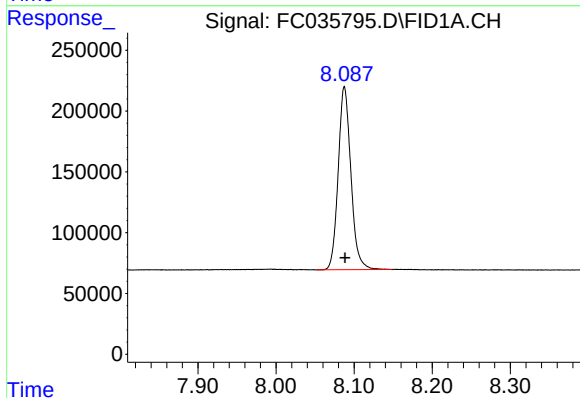
#4 n-Dodecane (C12)

R.T.: 6.301 min  
Delta R.T.: 0.000 min  
Response: 1579395  
Conc: 21.53 ug/ml



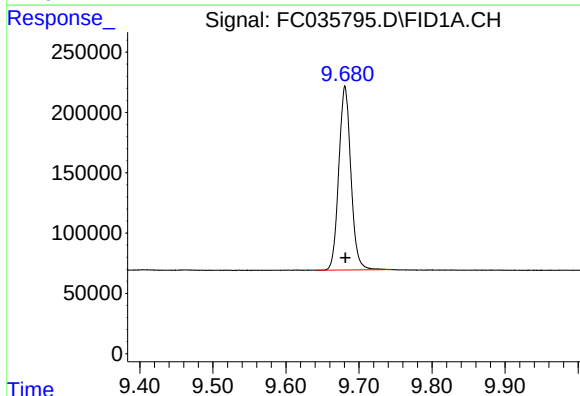
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.912 min  
Delta R.T.: -0.003 min  
Response: 1863743  
Conc: 22.76 ug/ml m



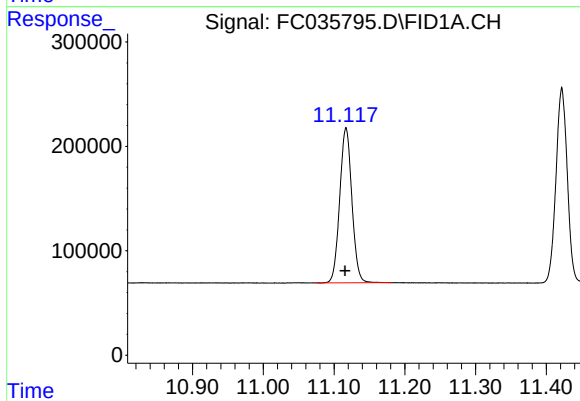
#6 n-Tetradecane (C14)

R.T.: 8.088 min  
Delta R.T.: 0.000 min  
Response: 1702882  
Conc: 21.74 ug/ml



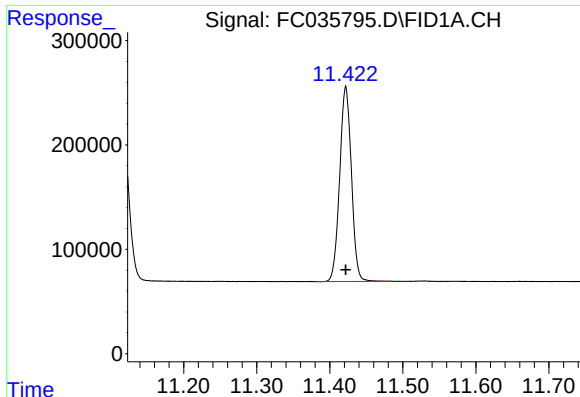
#7 n-Hexadecane (C16)

R.T.: 9.681 min  
Delta R.T.: 0.000 min  
Response: 1753768  
Conc: 20.80 ug/ml



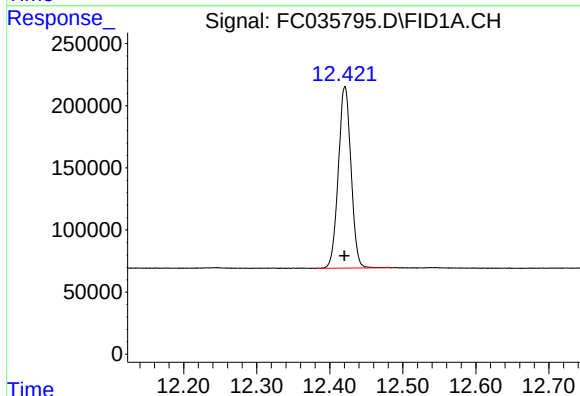
#8 n-Octadecane (C18)

R.T.: 11.117 min  
Delta R.T.: 0.002 min  
Response: 1770240  
Conc: 20.00 ug/ml



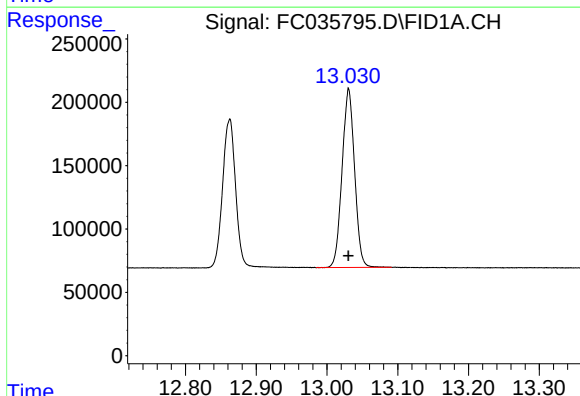
#9 ortho-Terphenyl (SURR)

R.T.: 11.422 min  
Delta R.T.: 0.000 min  
Response: 2080841  
Conc: 20.55 ug/ml



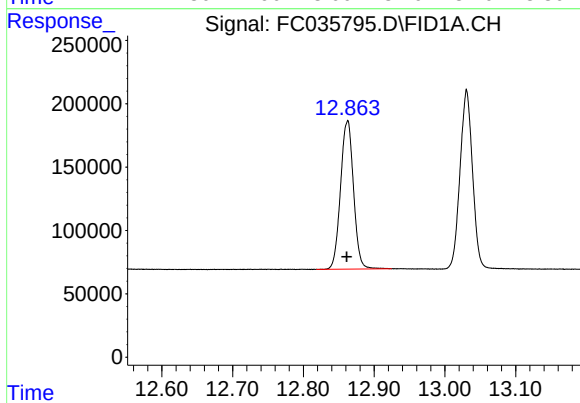
#10 n-Eicosane (C20)

R.T.: 12.421 min  
Delta R.T.: 0.000 min  
Response: 1759756  
Conc: 19.53 ug/ml



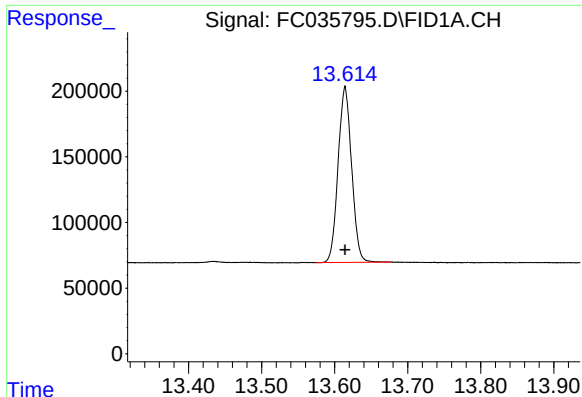
#11 n-Heneicosane (C21)

R.T.: 13.031 min  
Delta R.T.: 0.000 min  
Response: 1732333  
Conc: 19.34 ug/ml



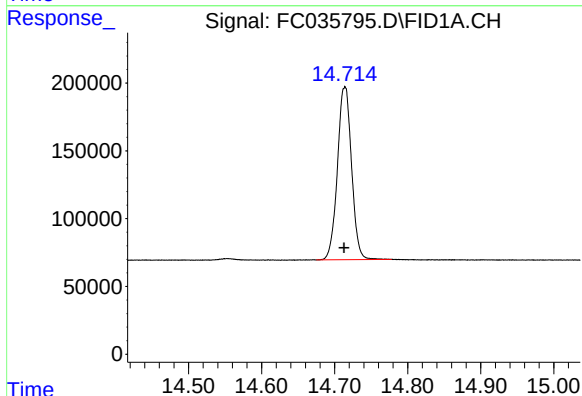
#12 1-chlorooctadecane (SURR)

R.T.: 12.862 min  
Delta R.T.: 0.000 min  
Response: 1491113  
Conc: 19.35 ug/ml



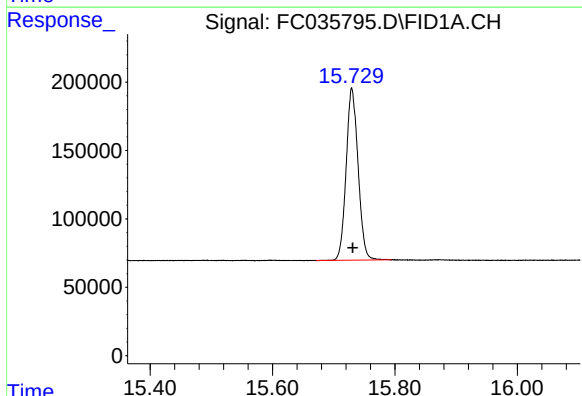
#13 n-Docosane (C22)

R.T.: 13.614 min  
Delta R.T.: 0.000 min  
Response: 1723060  
Conc: 19.62 ug/ml



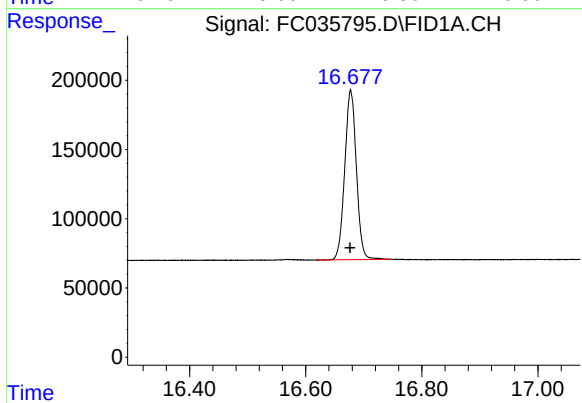
#14 n-Tetracosane (C24)

R.T.: 14.714 min  
Delta R.T.: 0.000 min  
Response: 1711715  
Conc: 19.93 ug/ml



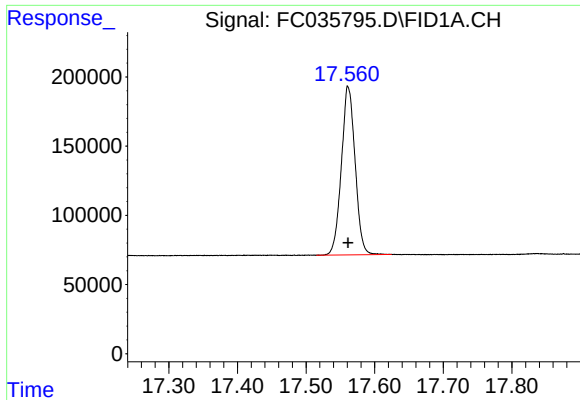
#15 n-Hexacosane (C26)

R.T.: 15.730 min  
Delta R.T.: -0.001 min  
Response: 1699289  
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.678 min  
Delta R.T.: 0.001 min  
Response: 1705207  
Conc: 19.56 ug/ml



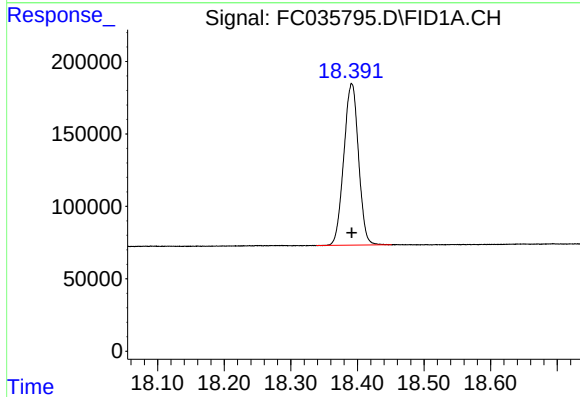
#17 n-Tricontane (C30)

R.T.: 17.562 min

Delta R.T.: 0.000 min

Response: 1691684

Conc: 17.31 ug/ml



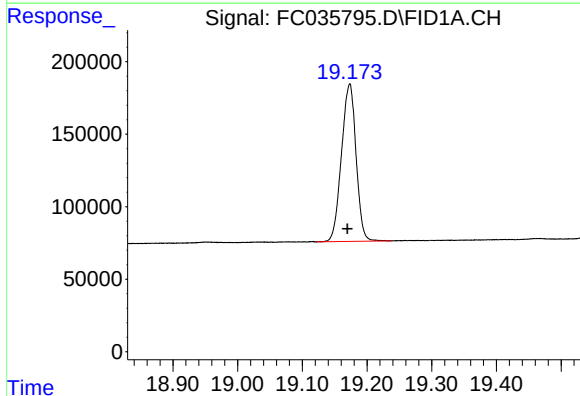
#18 n-Dotriacontane (C32)

R.T.: 18.391 min

Delta R.T.: 0.000 min

Response: 1711455

Conc: 18.70 ug/ml



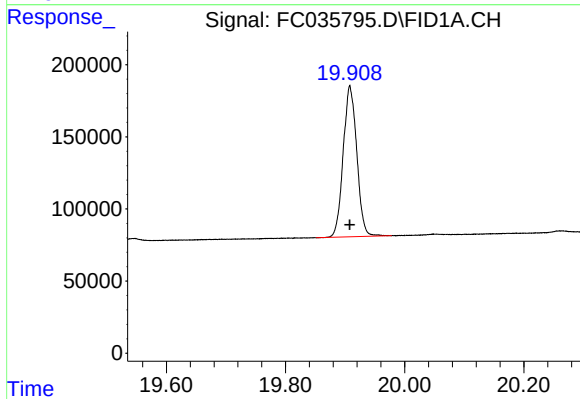
#19 n-Tetratriacontane (C34)

R.T.: 19.173 min

Delta R.T.: 0.003 min

Response: 1699412

Conc: 19.91 ug/ml



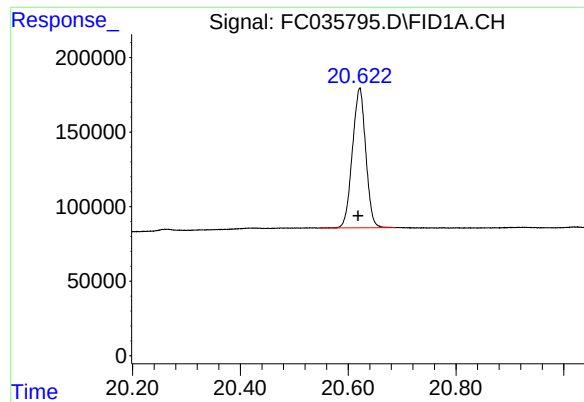
#20 n-Hexatriacontane (C36)

R.T.: 19.908 min

Delta R.T.: 0.000 min

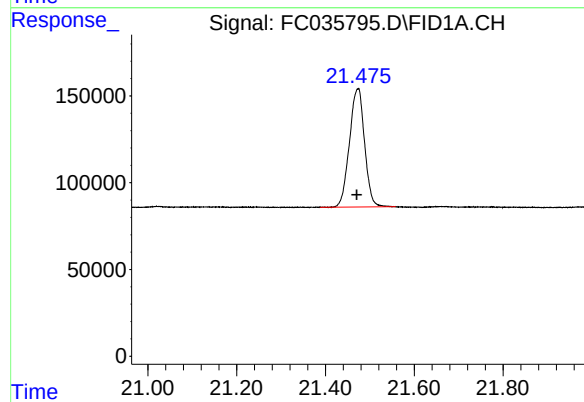
Response: 1653077

Conc: 21.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.621 min  
Delta R.T.: 0.002 min  
Response: 1605302  
Conc: 21.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.473 min  
Delta R.T.: 0.003 min  
Response: 1611249  
Conc: 21.08 ug/ml