

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100421AL\  
 Data File : FC055944.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Oct 2021 10:00  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Oct 04 11:22:09 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 30 01:25:44 2021  
 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)    | 11.649 | 2160392    | 18.207 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.41%       |
| 12) S 1-chlorooctadecane (S... | 13.080 | 1668370    | 18.160 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.401  | 2096909    | 19.650 ug/ml |
| 2) T n-Decane (C10)            | 4.471  | 2110437    | 19.743 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.065  | 2338461    | 19.435 ug/ml |
| 4) T n-Dodecane (C12)          | 6.491  | 2117761    | 19.511 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.122  | 2316023    | 19.066 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.286  | 2112408    | 19.093 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.887  | 2079001    | 18.782 ug/ml |
| 8) T n-Octadecane (C18)        | 11.327 | 2076950    | 18.557 ug/ml |
| 10) T n-Eicosane (C20)         | 12.635 | 2000941    | 18.319 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.246 | 1989941    | 18.303 ug/ml |
| 13) T n-Docosane (C22)         | 13.832 | 1943912    | 18.202 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.934 | 1896181    | 18.133 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.953 | 1816374    | 18.078 ug/ml |
| 16) T n-Octacosane (C28)       | 16.902 | 1771838    | 18.318 ug/ml |
| 17) T n-Tricontane (C30)       | 17.788 | 1715828    | 18.492 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.619 | 1680759    | 18.905 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.400 | 1699982    | 19.656 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.138 | 1639688    | 20.069 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.881 | 1619051    | 20.317 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.809 | 1602387    | 19.990 ug/ml |
| -----                          |        |            |              |

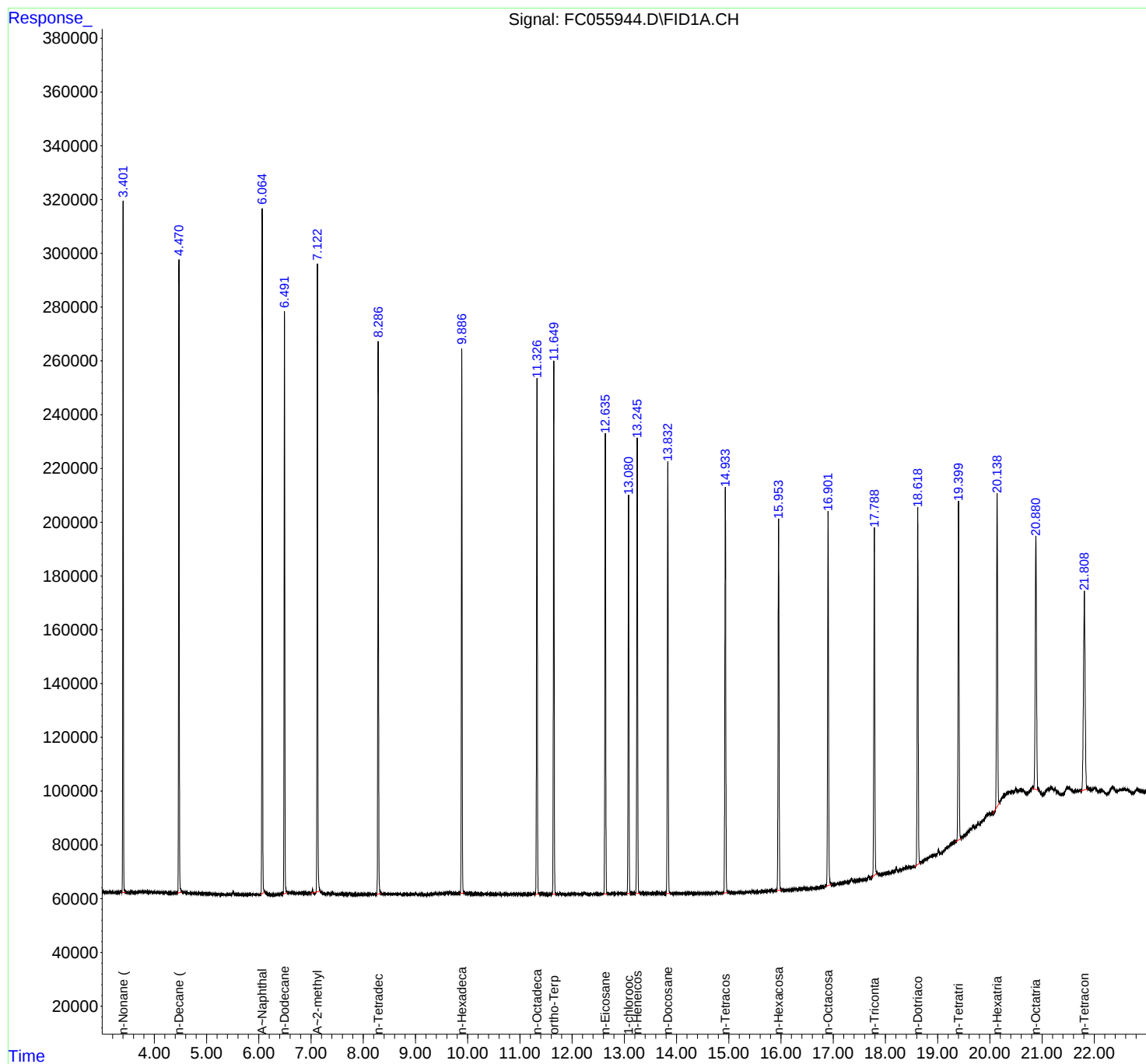
(f)=RT Delta > 1/2 Window

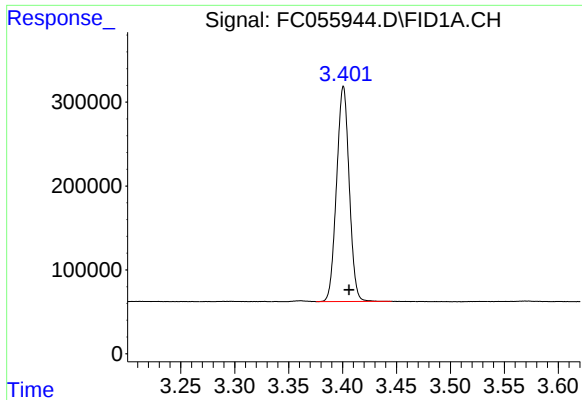
(m)=manual int.

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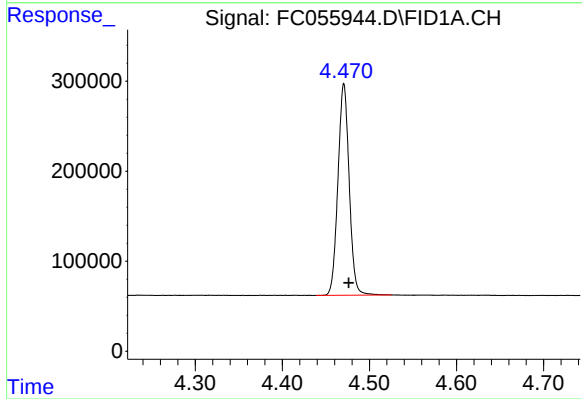
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





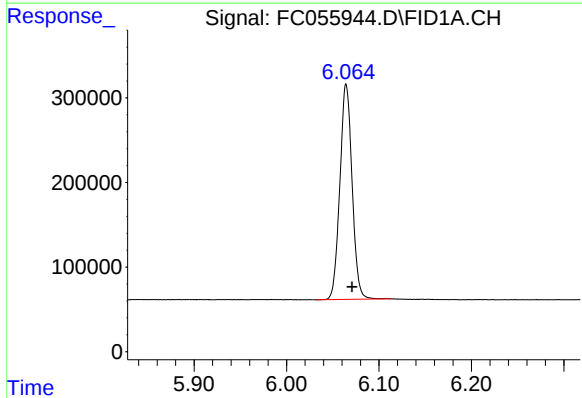
#1 n-Nonane (C9)

R.T.: 3.401 min  
Delta R.T.: -0.005 min  
Response: 2096909  
Conc: 19.65 ug/ml



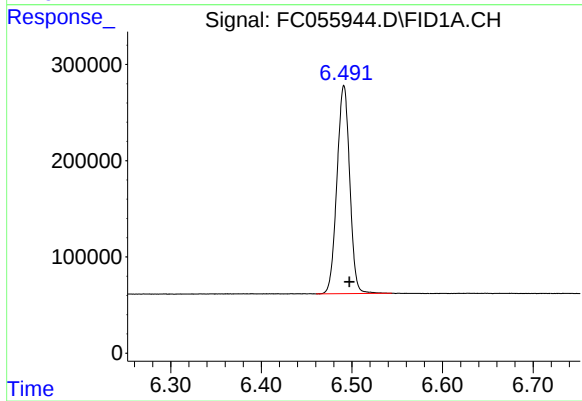
#2 n-Decane (C10)

R.T.: 4.471 min  
Delta R.T.: -0.006 min  
Response: 2110437  
Conc: 19.74 ug/ml



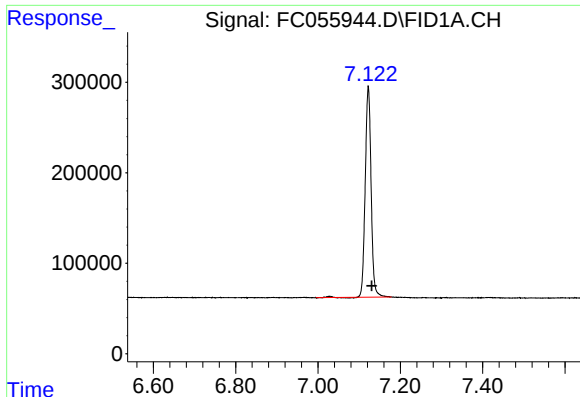
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min  
Delta R.T.: -0.006 min  
Response: 2338461  
Conc: 19.44 ug/ml



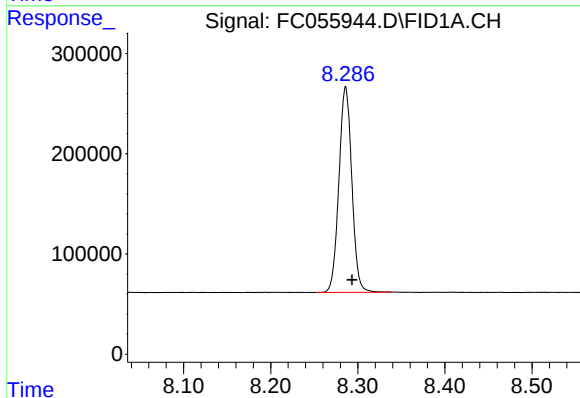
#4 n-Dodecane (C12)

R.T.: 6.491 min  
Delta R.T.: -0.006 min  
Response: 2117761  
Conc: 19.51 ug/ml



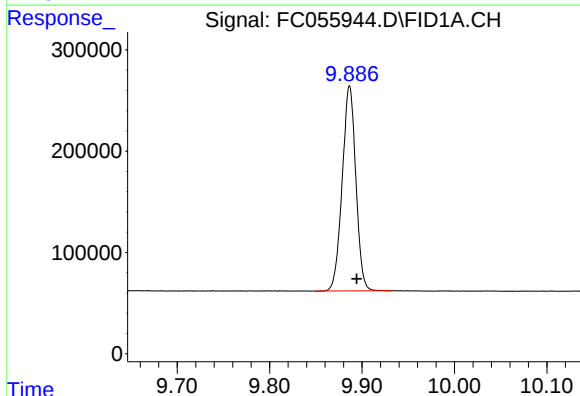
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.122 min  
Delta R.T.: -0.008 min  
Response: 2316023  
Conc: 19.07 ug/ml



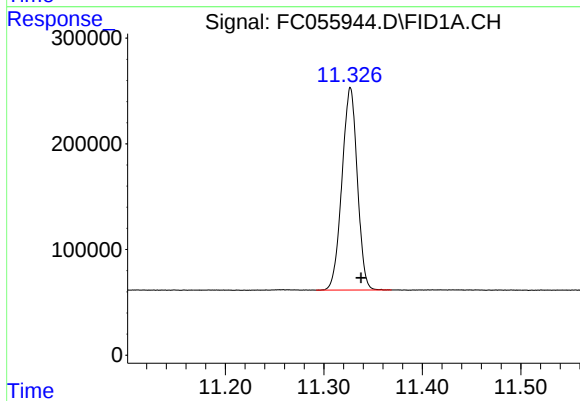
#6 n-Tetradecane (C14)

R.T.: 8.286 min  
Delta R.T.: -0.007 min  
Response: 2112408  
Conc: 19.09 ug/ml



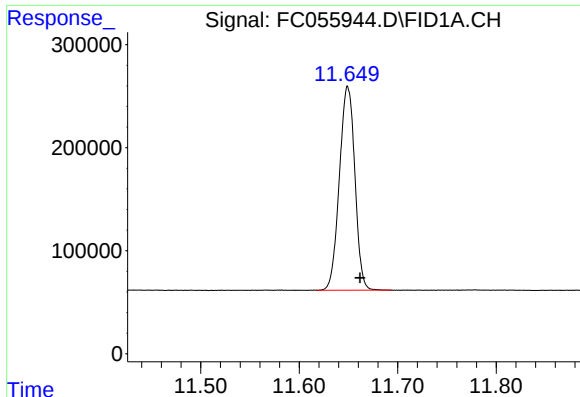
#7 n-Hexadecane (C16)

R.T.: 9.887 min  
Delta R.T.: -0.008 min  
Response: 2079001  
Conc: 18.78 ug/ml



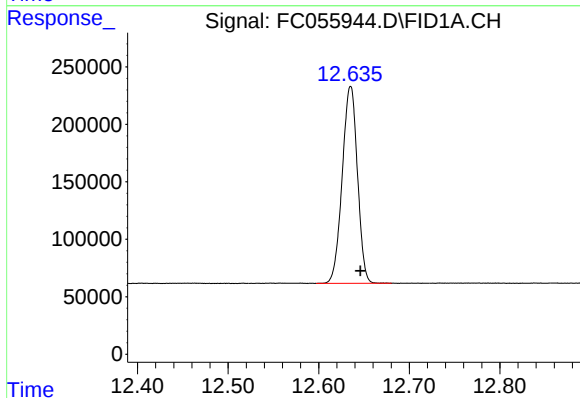
#8 n-Octadecane (C18)

R.T.: 11.327 min  
Delta R.T.: -0.011 min  
Response: 2076950  
Conc: 18.56 ug/ml



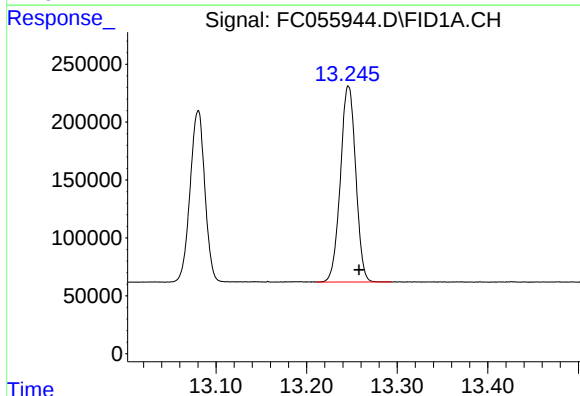
#9 ortho-Terphenyl (SURR)

R.T.: 11.649 min  
Delta R.T.: -0.012 min  
Response: 2160392  
Conc: 18.21 ug/ml



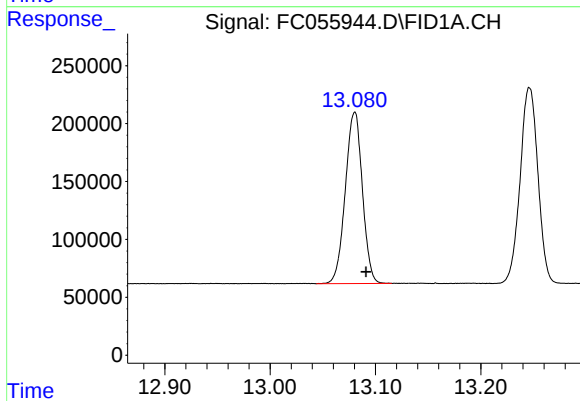
#10 n-Eicosane (C20)

R.T.: 12.635 min  
Delta R.T.: -0.011 min  
Response: 2000941  
Conc: 18.32 ug/ml



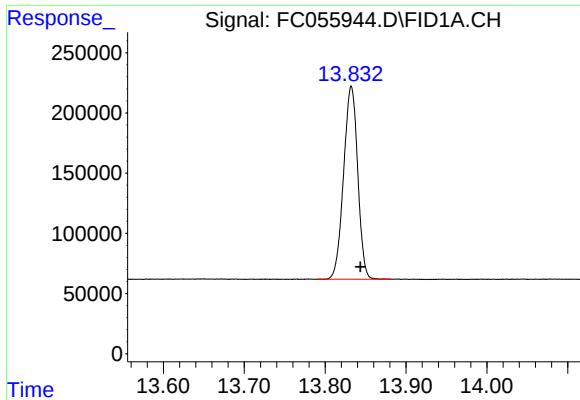
#11 n-Heneicosane (C21)

R.T.: 13.246 min  
Delta R.T.: -0.012 min  
Response: 1989941  
Conc: 18.30 ug/ml



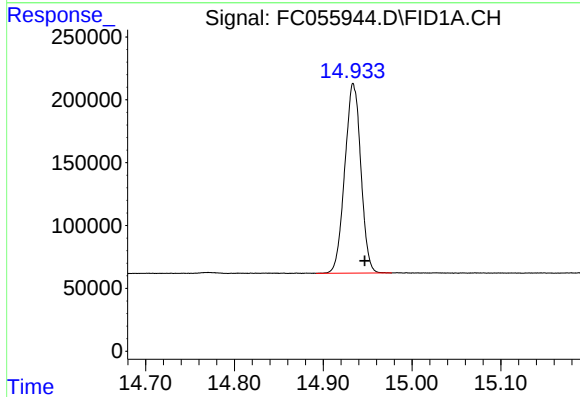
#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min  
Delta R.T.: -0.011 min  
Response: 1668370  
Conc: 18.16 ug/ml



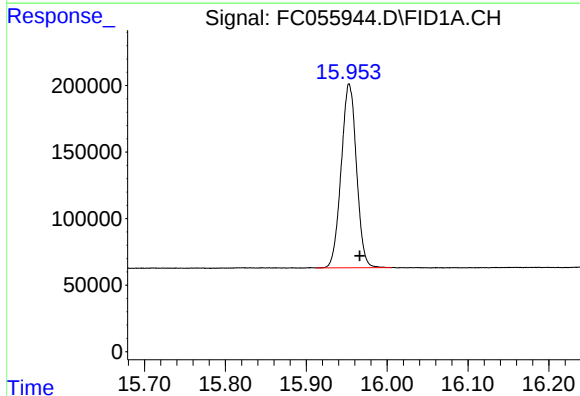
#13 n-Docosane (C22)

R.T.: 13.832 min  
Delta R.T.: -0.011 min  
Response: 1943912  
Conc: 18.20 ug/ml



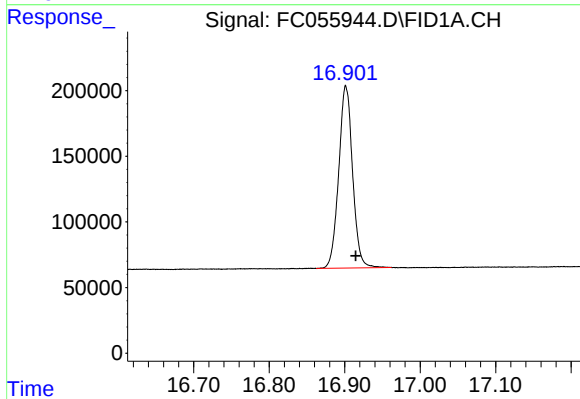
#14 n-Tetracosane (C24)

R.T.: 14.934 min  
Delta R.T.: -0.012 min  
Response: 1896181  
Conc: 18.13 ug/ml



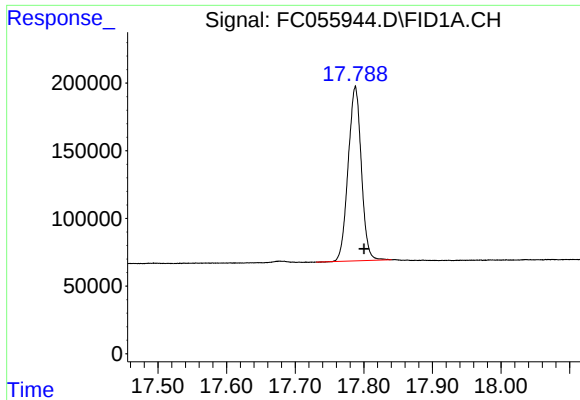
#15 n-Hexacosane (C26)

R.T.: 15.953 min  
Delta R.T.: -0.013 min  
Response: 1816374  
Conc: 18.08 ug/ml



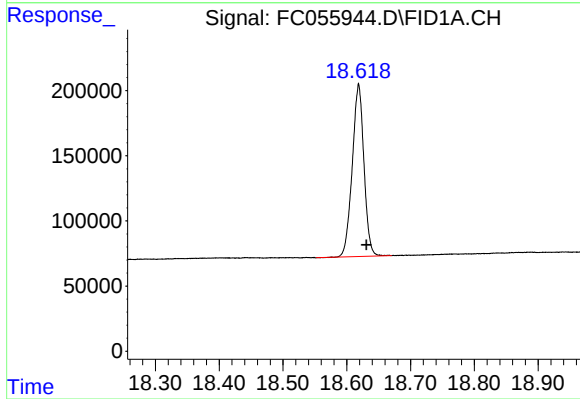
#16 n-Octacosane (C28)

R.T.: 16.902 min  
Delta R.T.: -0.013 min  
Response: 1771838  
Conc: 18.32 ug/ml



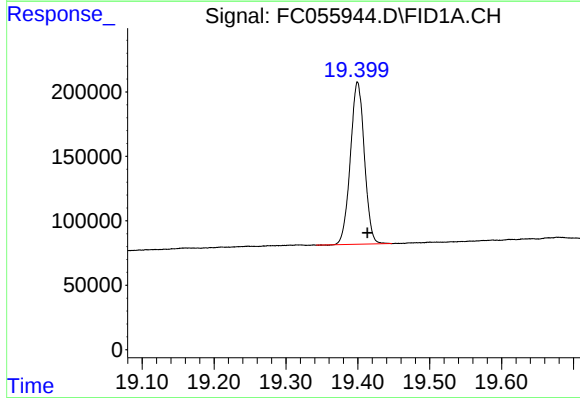
#17 n-Tricontane (C30)

R.T.: 17.788 min  
Delta R.T.: -0.013 min  
Response: 1715828  
Conc: 18.49 ug/ml



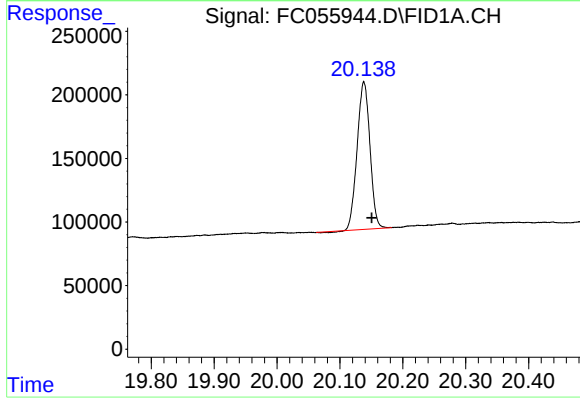
#18 n-Dotriacontane (C32)

R.T.: 18.619 min  
Delta R.T.: -0.012 min  
Response: 1680759  
Conc: 18.90 ug/ml



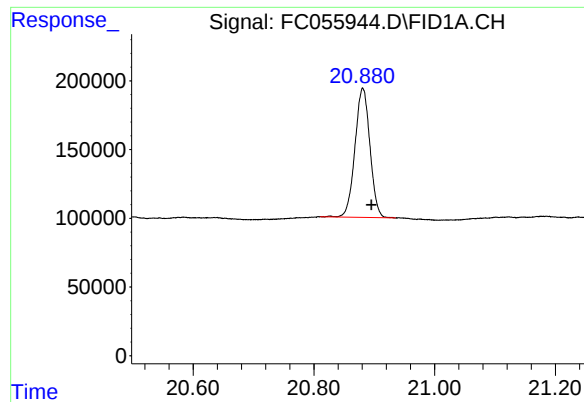
#19 n-Tetratriacontane (C34)

R.T.: 19.400 min  
Delta R.T.: -0.013 min  
Response: 1699982  
Conc: 19.66 ug/ml



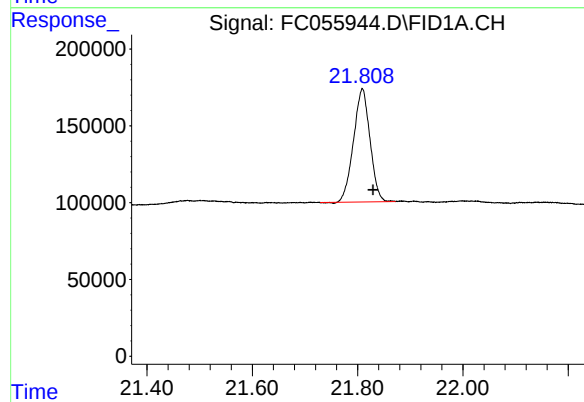
#20 n-Hexatriacontane (C36)

R.T.: 20.138 min  
Delta R.T.: -0.013 min  
Response: 1639688  
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.881 min  
Delta R.T.: -0.014 min  
Response: 1619051  
Conc: 20.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.809 min  
Delta R.T.: -0.020 min  
Response: 1602387  
Conc: 19.99 ug/ml