

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041921AL\  
 Data File : FC053282.D  
 Signal(s) : FID1A.CH  
 Acq On : 20 Apr 2021 4:17  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 20 05:05:10 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 040821.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 09 09:23:51 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)    | 11.552 | 2615801    | 18.106 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.21%       |
| 12) S 1-chlorooctadecane (S... | 12.992 | 2058405    | 17.815 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.63%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.305  | 2493120    | 19.919 ug/ml |
| 2) T n-Decane (C10)            | 4.371  | 2523760    | 20.047 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.957  | 2757193    | 19.793 ug/ml |
| 4) T n-Dodecane (C12)          | 6.392  | 2582592    | 20.165 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.015  | 2793380    | 19.761 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.190  | 2568760    | 19.964 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.792  | 2511150    | 19.640 ug/ml |
| 8) T n-Octadecane (C18)        | 11.237 | 2562318    | 18.946 ug/ml |
| 10) T n-Eicosane (C20)         | 12.548 | 2489287    | 18.123 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.160 | 2434292    | 17.717 ug/ml |
| 13) T n-Docosane (C22)         | 13.747 | 2378601    | 17.256 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.851 | 2262573    | 16.410 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.873 | 2136763    | 15.757 ug/ml |
| 16) T n-Octacosane (C28)       | 16.823 | 2062676    | 15.475 ug/ml |
| 17) T n-Tricontane (C30)       | 17.711 | 2037254    | 15.874 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.545 | 1999109    | 16.733 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.330 | 1982750    | 17.903 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.070 | 1928314    | 19.109 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.802 | 1870865    | 20.999 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.704 | 1935274    | 24.174 ug/ml |
| -----                          |        |            |              |

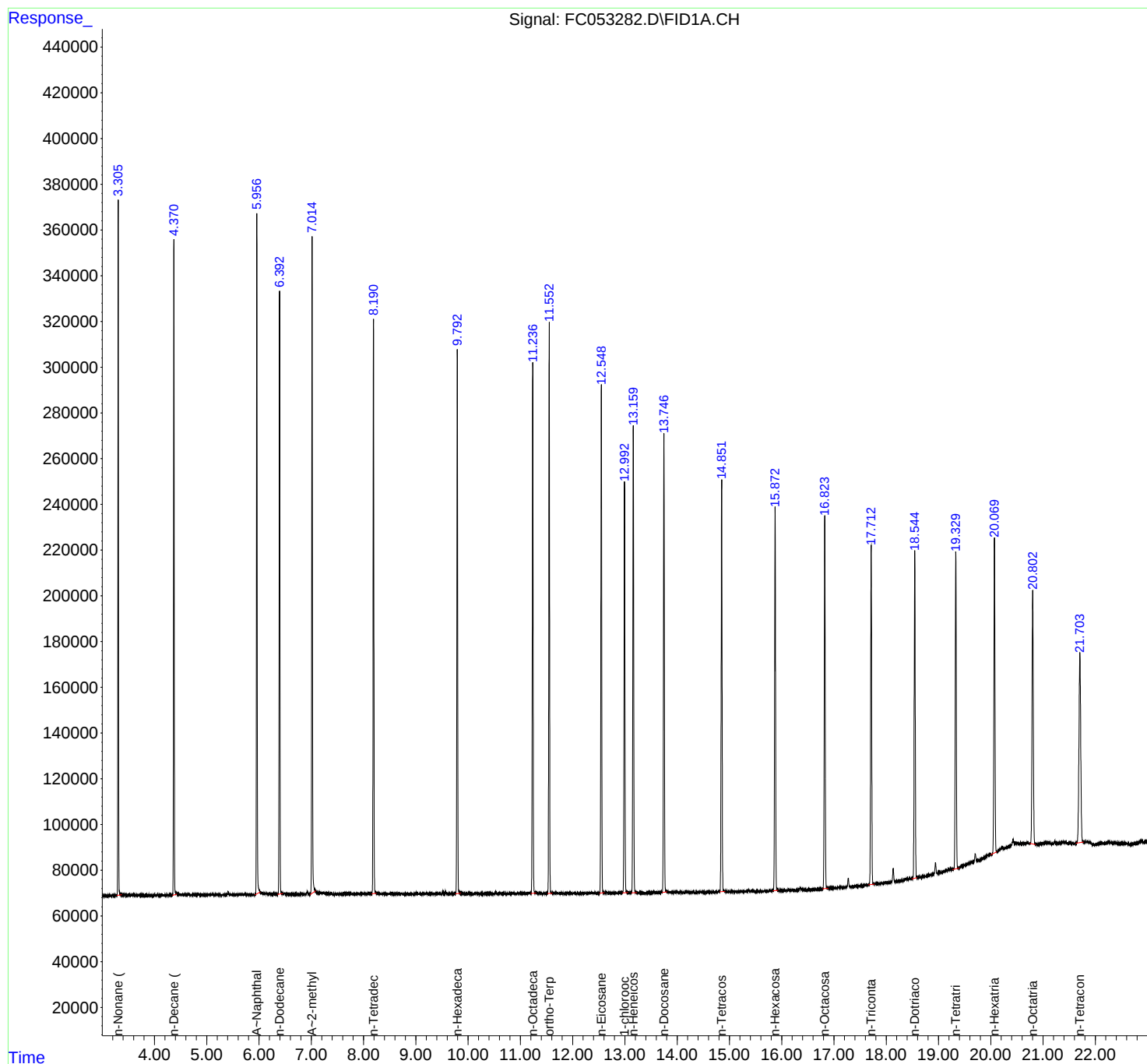
(f)=RT Delta > 1/2 Window

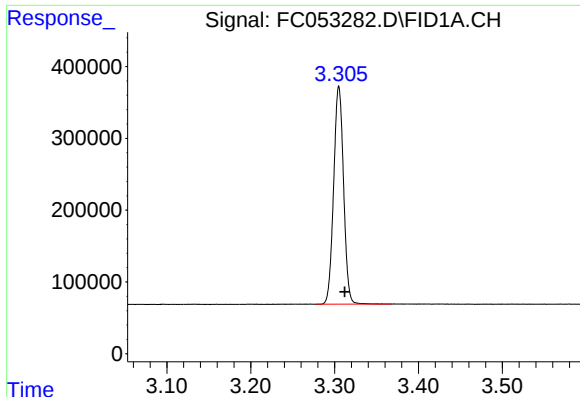
(m)=manual int.

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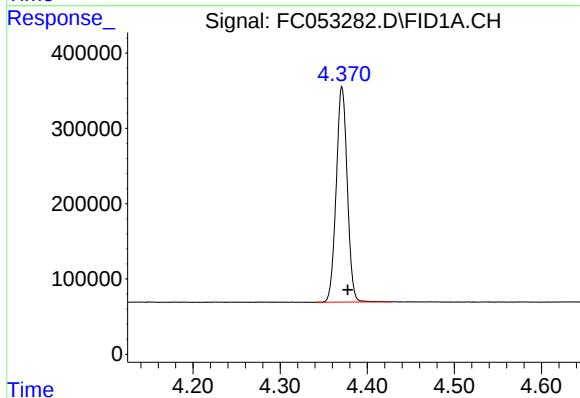
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





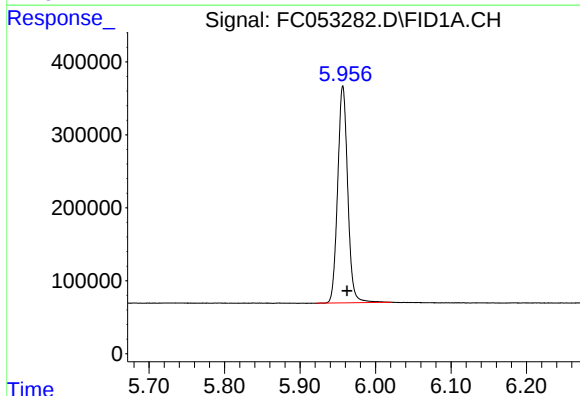
#1 n-Nonane (C9)

R.T.: 3.305 min  
Delta R.T.: -0.007 min  
Response: 2493120  
Conc: 19.92 ug/ml



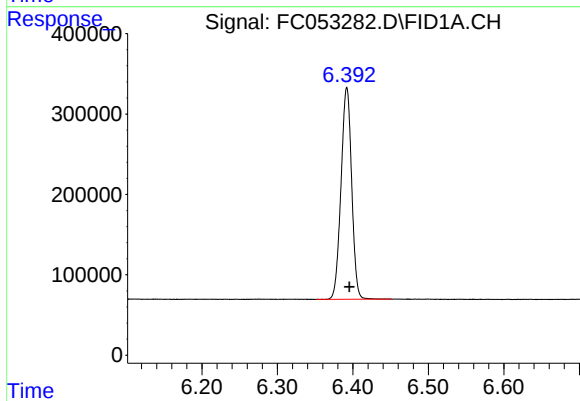
#2 n-Decane (C10)

R.T.: 4.371 min  
Delta R.T.: -0.006 min  
Response: 2523760  
Conc: 20.05 ug/ml



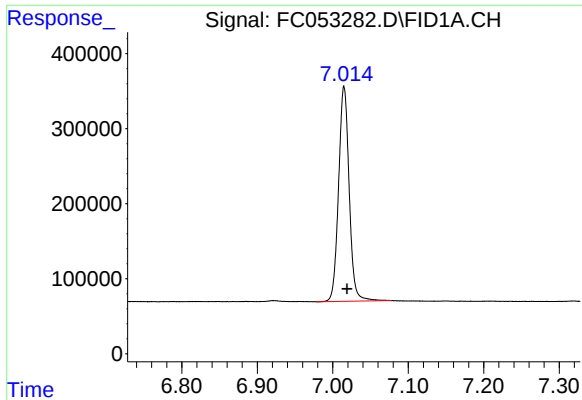
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min  
Delta R.T.: -0.006 min  
Response: 2757193  
Conc: 19.79 ug/ml



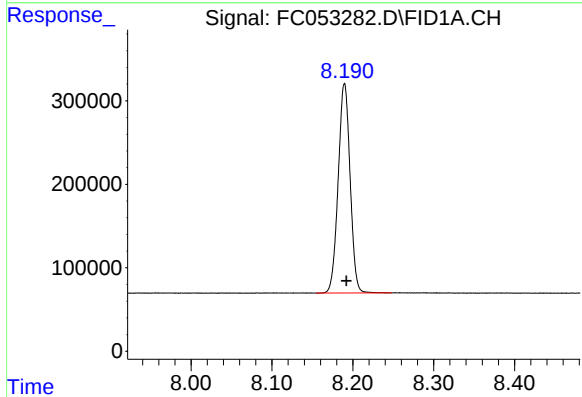
#4 n-Dodecane (C12)

R.T.: 6.392 min  
Delta R.T.: -0.004 min  
Response: 2582592  
Conc: 20.16 ug/ml



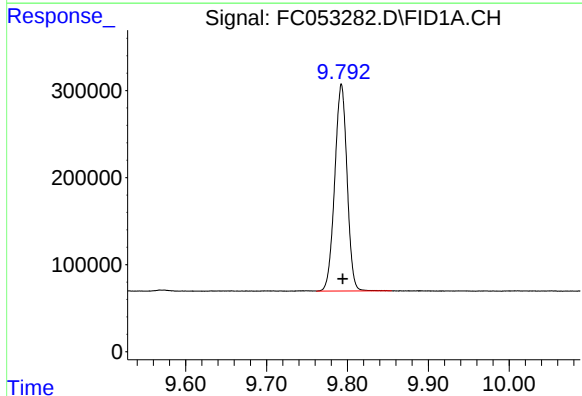
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.015 min  
Delta R.T.: -0.004 min  
Response: 2793380  
Conc: 19.76 ug/ml



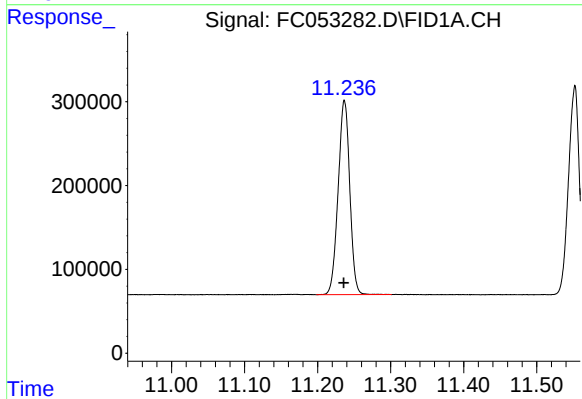
#6 n-Tetradecane (C14)

R.T.: 8.190 min  
Delta R.T.: -0.002 min  
Response: 2568760  
Conc: 19.96 ug/ml



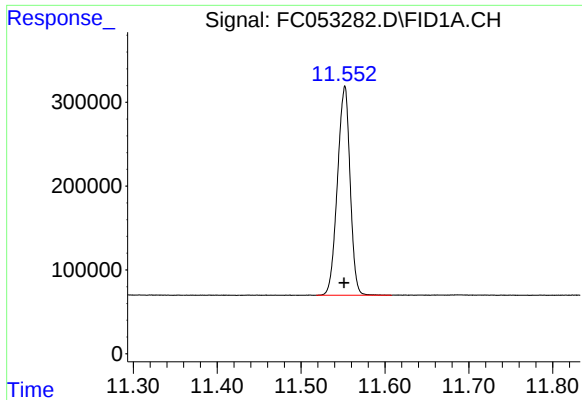
#7 n-Hexadecane (C16)

R.T.: 9.792 min  
Delta R.T.: -0.002 min  
Response: 2511150  
Conc: 19.64 ug/ml



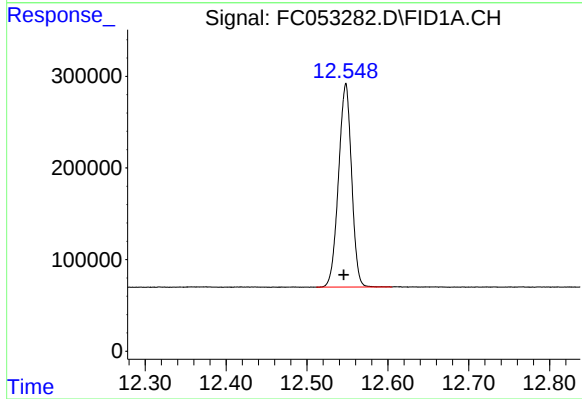
#8 n-Octadecane (C18)

R.T.: 11.237 min  
Delta R.T.: 0.000 min  
Response: 2562318  
Conc: 18.95 ug/ml



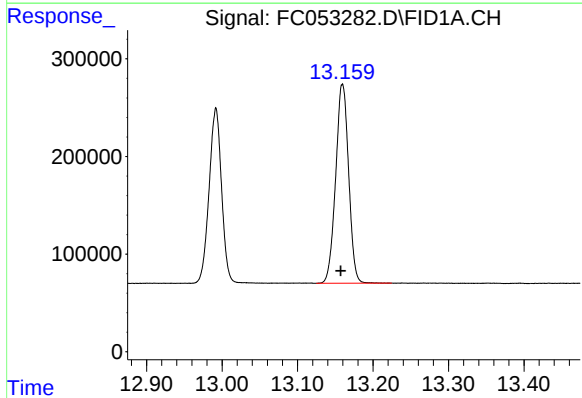
#9 ortho-Terphenyl (SURR)

R.T.: 11.552 min  
Delta R.T.: 0.000 min  
Response: 2615801  
Conc: 18.11 ug/ml



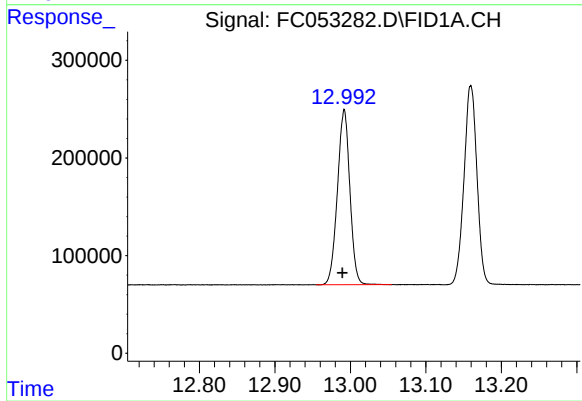
#10 n-Eicosane (C20)

R.T.: 12.548 min  
Delta R.T.: 0.002 min  
Response: 2489287  
Conc: 18.12 ug/ml



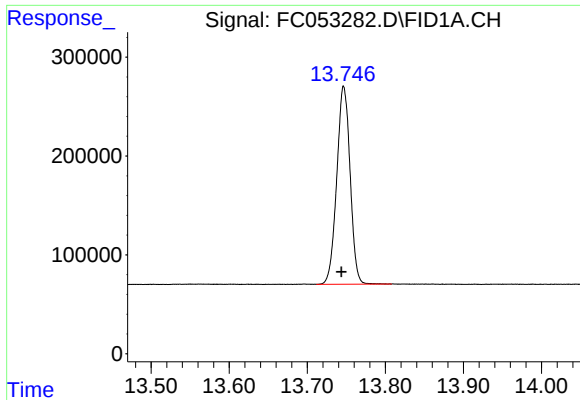
#11 n-Heneicosane (C21)

R.T.: 13.160 min  
Delta R.T.: 0.003 min  
Response: 2434292  
Conc: 17.72 ug/ml



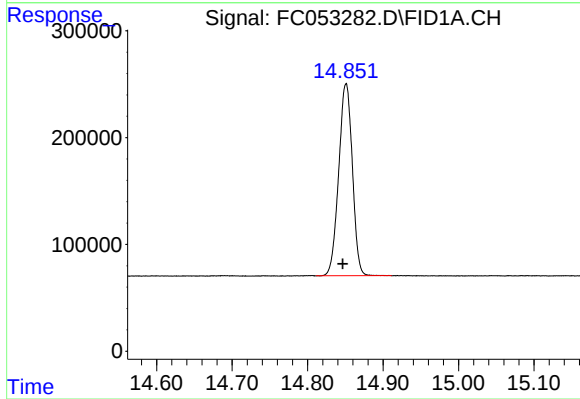
#12 1-chlorooctadecane (SURR)

R.T.: 12.992 min  
Delta R.T.: 0.002 min  
Response: 2058405  
Conc: 17.82 ug/ml



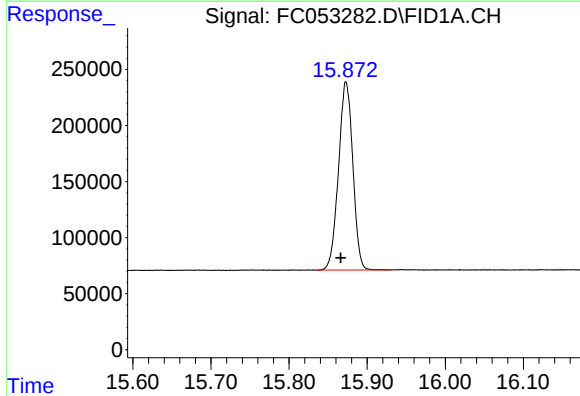
#13 n-Docosane (C22)

R.T.: 13.747 min  
Delta R.T.: 0.003 min  
Response: 2378601  
Conc: 17.26 ug/ml



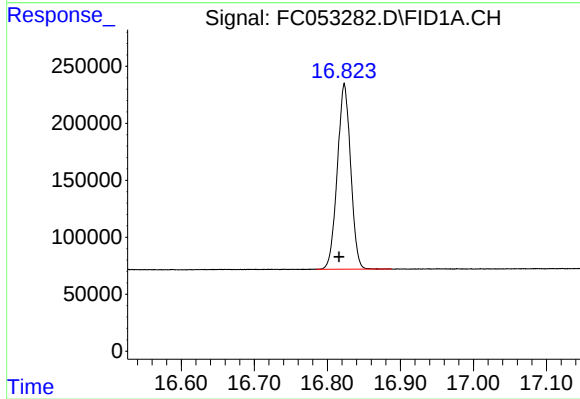
#14 n-Tetracosane (C24)

R.T.: 14.851 min  
Delta R.T.: 0.004 min  
Response: 2262573  
Conc: 16.41 ug/ml



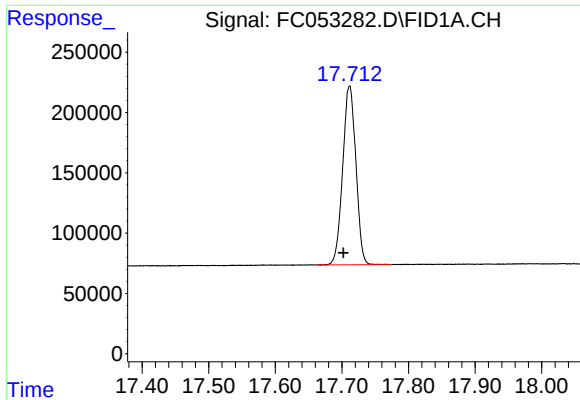
#15 n-Hexacosane (C26)

R.T.: 15.873 min  
Delta R.T.: 0.007 min  
Response: 2136763  
Conc: 15.76 ug/ml



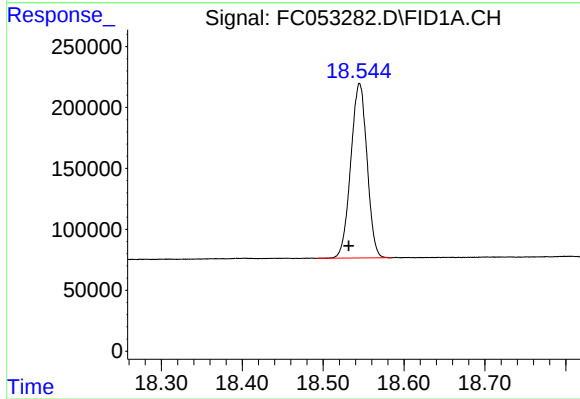
#16 n-Octacosane (C28)

R.T.: 16.823 min  
Delta R.T.: 0.007 min  
Response: 2062676  
Conc: 15.47 ug/ml



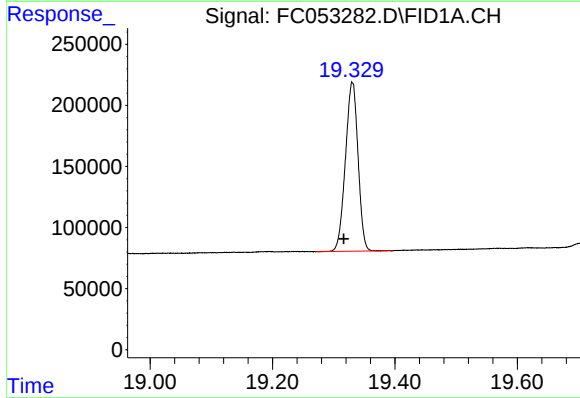
#17 n-Tricontane (C30)

R.T.: 17.711 min  
Delta R.T.: 0.009 min  
Response: 2037254  
Conc: 15.87 ug/ml



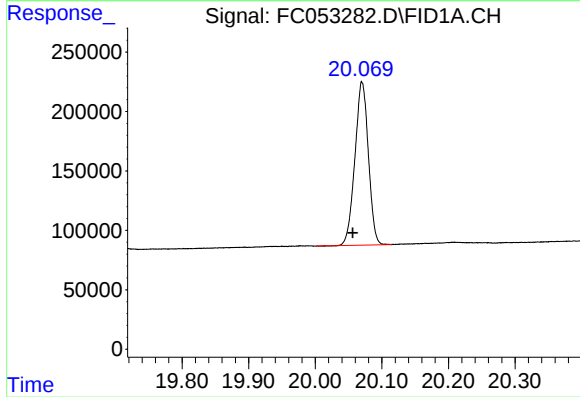
#18 n-Dotriacontane (C32)

R.T.: 18.545 min  
Delta R.T.: 0.013 min  
Response: 1999109  
Conc: 16.73 ug/ml



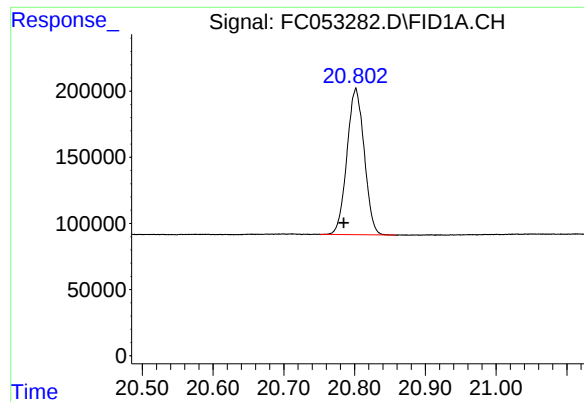
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min  
Delta R.T.: 0.014 min  
Response: 1982750  
Conc: 17.90 ug/ml



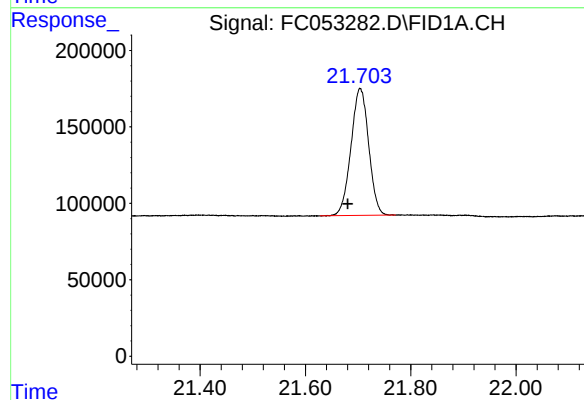
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min  
Delta R.T.: 0.014 min  
Response: 1928314  
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min  
Delta R.T.: 0.017 min  
Response: 1870865  
Conc: 21.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.704 min  
Delta R.T.: 0.024 min  
Response: 1935274  
Conc: 24.17 ug/ml