

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC031819AL\  
 Data File : FC039934.D  
 Signal(s) : FID1A.CH  
 Acq On : 18 Mar 2019 9:52  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 18 17:01:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022219.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 25 18:21:16 2019  
 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)    | 11.141 | 3044640    | 18.101 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.20%       |
| 12) S 1-chlorooctadecane (S... | 12.587 | 2265503    | 17.960 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.92%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.010  | 1782064    | 14.848 ug/ml |
| 2) T n-Decane (C10)            | 4.060  | 1900499    | 15.775 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.611  | 2229467    | 17.133 ug/ml |
| 4) T n-Dodecane (C12)          | 6.059  | 2072732    | 16.777 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.657  | 2266121    | 17.474 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.837  | 2195300    | 17.236 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.422  | 2265074    | 17.479 ug/ml |
| 8) T n-Octadecane (C18)        | 10.852 | 2298433    | 17.086 ug/ml |
| 10) T n-Eicosane (C20)         | 12.151 | 2320123    | 17.793 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.758 | 2323917    | 18.324 ug/ml |
| 13) T n-Docosane (C22)         | 13.341 | 2331570    | 18.509 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.436 | 2356216    | 18.852 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.451 | 2344965    | 18.800 ug/ml |
| 16) T n-Octacosane (C28)       | 16.395 | 2347418    | 17.563 ug/ml |
| 17) T n-Tricontane (C30)       | 17.278 | 2310180    | 15.741 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.105 | 2151210    | 16.014 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.884 | 1872626    | 16.463 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.621 | 1933705    | 20.049 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.319 | 2108951    | 22.969 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.075 | 1744370    | 19.220 ug/ml |
| -----                          |        |            |              |

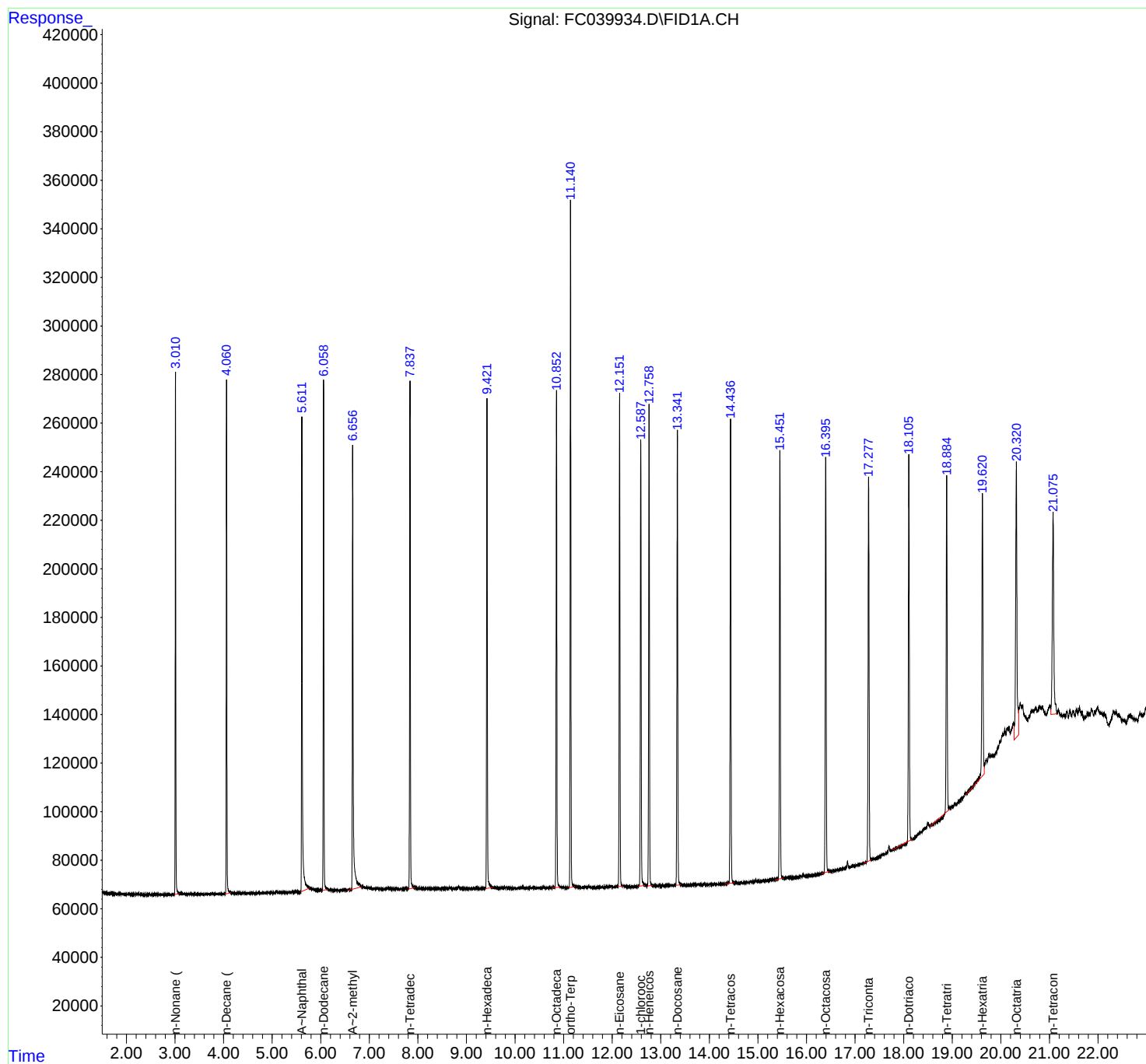
(f)=RT Delta > 1/2 Window

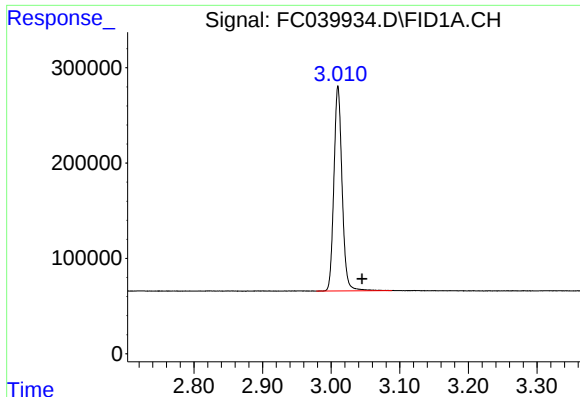
(m)=manual int.

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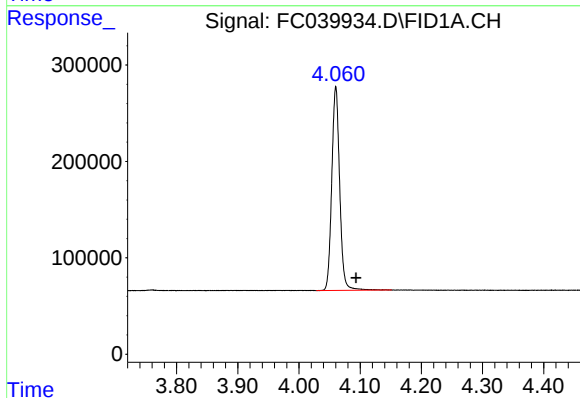
Volume Inj. : 1 u1  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





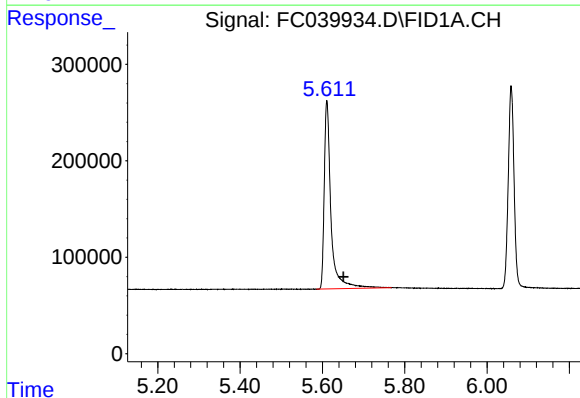
#1 n-Nonane (C9)

R.T.: 3.010 min  
Delta R.T.: -0.035 min  
Response: 1782064  
Conc: 14.85 ug/ml



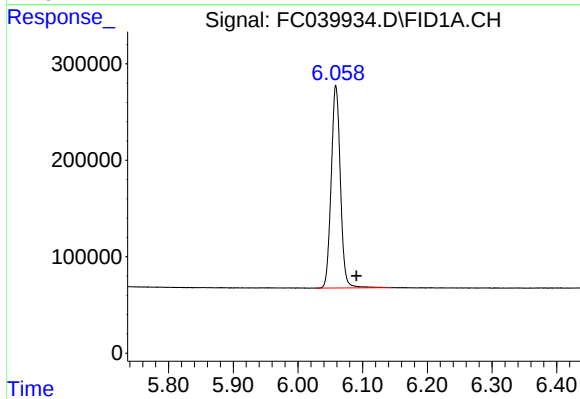
#2 n-Decane (C10)

R.T.: 4.060 min  
Delta R.T.: -0.033 min  
Response: 1900499  
Conc: 15.78 ug/ml



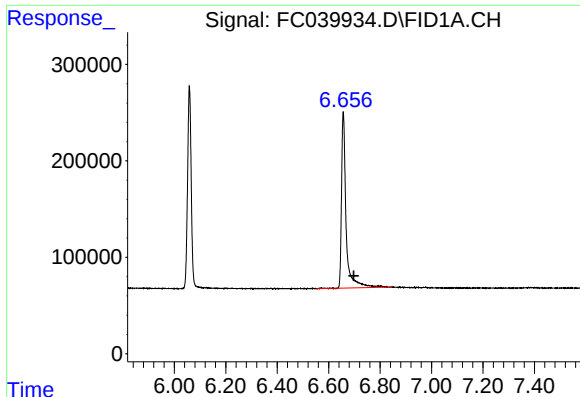
#3 A~Naphthalene (C11.7)

R.T.: 5.611 min  
Delta R.T.: -0.039 min  
Response: 2229467  
Conc: 17.13 ug/ml



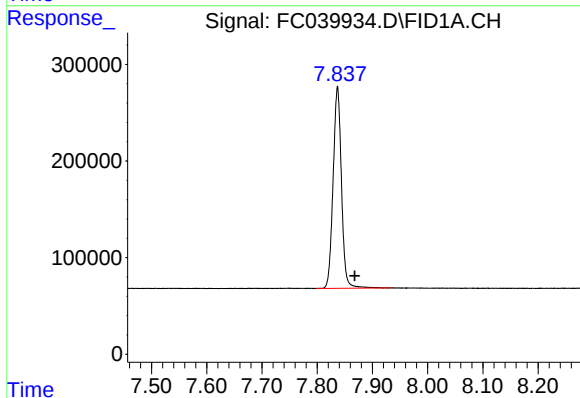
#4 n-Dodecane (C12)

R.T.: 6.059 min  
Delta R.T.: -0.031 min  
Response: 2072732  
Conc: 16.78 ug/ml



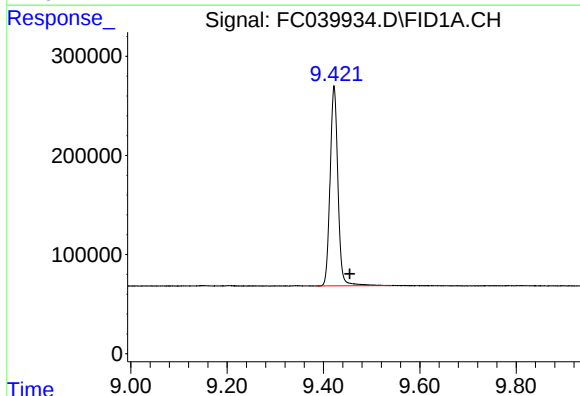
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.657 min  
Delta R.T.: -0.040 min  
Response: 2266121  
Conc: 17.47 ug/ml



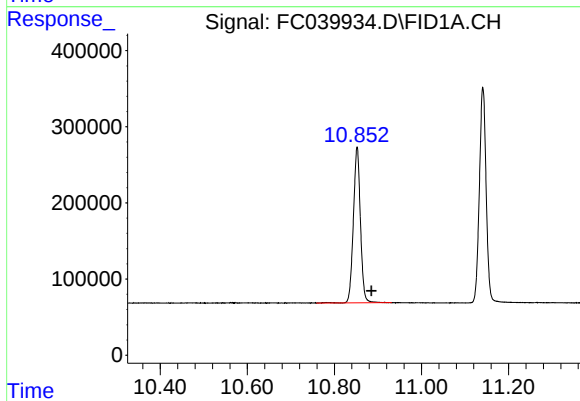
#6 n-Tetradecane (C14)

R.T.: 7.837 min  
Delta R.T.: -0.031 min  
Response: 2195300  
Conc: 17.24 ug/ml



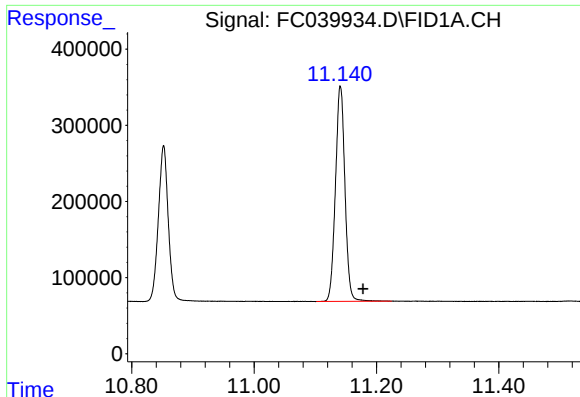
#7 n-Hexadecane (C16)

R.T.: 9.422 min  
Delta R.T.: -0.033 min  
Response: 2265074  
Conc: 17.48 ug/ml



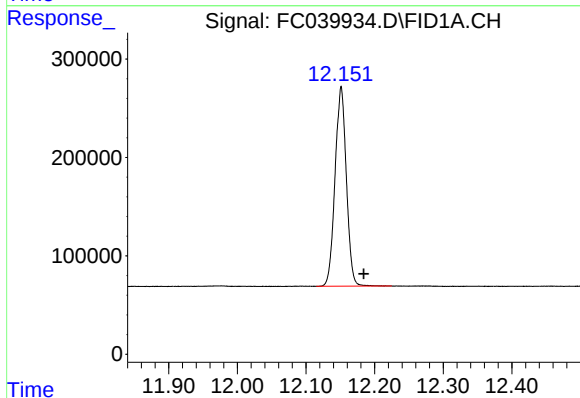
#8 n-Octadecane (C18)

R.T.: 10.852 min  
Delta R.T.: -0.033 min  
Response: 2298433  
Conc: 17.09 ug/ml



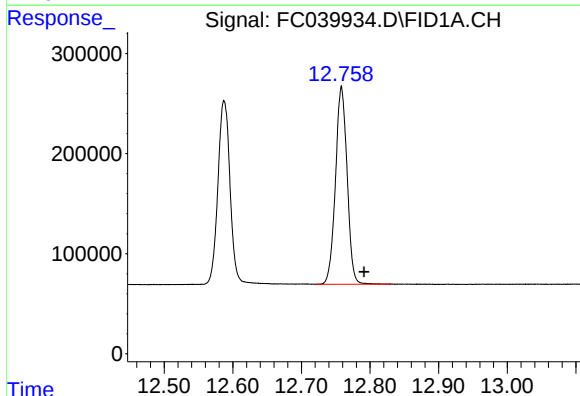
#9 ortho-Terphenyl (SURR)

R.T.: 11.141 min  
Delta R.T.: -0.037 min  
Response: 3044640  
Conc: 18.10 ug/ml



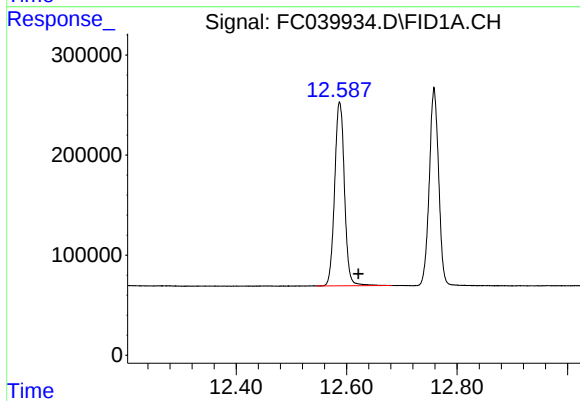
#10 n-Eicosane (C20)

R.T.: 12.151 min  
Delta R.T.: -0.033 min  
Response: 2320123  
Conc: 17.79 ug/ml



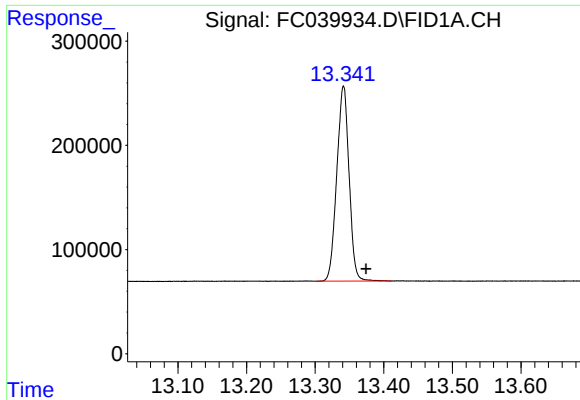
#11 n-Heneicosane (C21)

R.T.: 12.758 min  
Delta R.T.: -0.033 min  
Response: 2323917  
Conc: 18.32 ug/ml



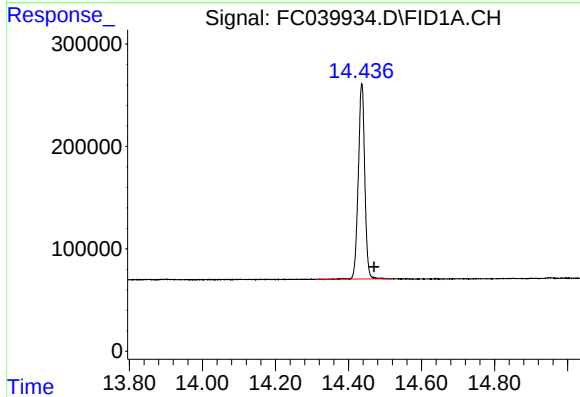
#12 1-chlorooctadecane (SURR)

R.T.: 12.587 min  
Delta R.T.: -0.034 min  
Response: 2265503  
Conc: 17.96 ug/ml



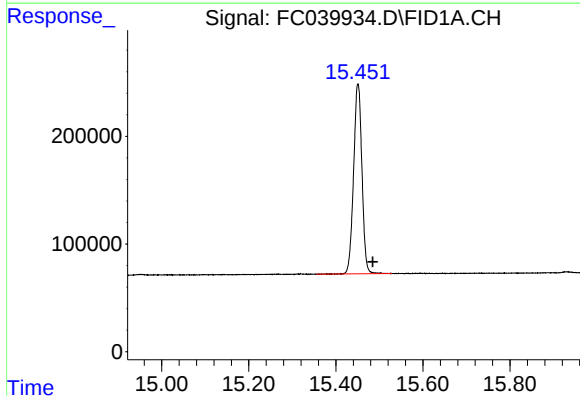
#13 n-Docosane (C22)

R.T.: 13.341 min  
Delta R.T.: -0.033 min  
Response: 2331570  
Conc: 18.51 ug/ml



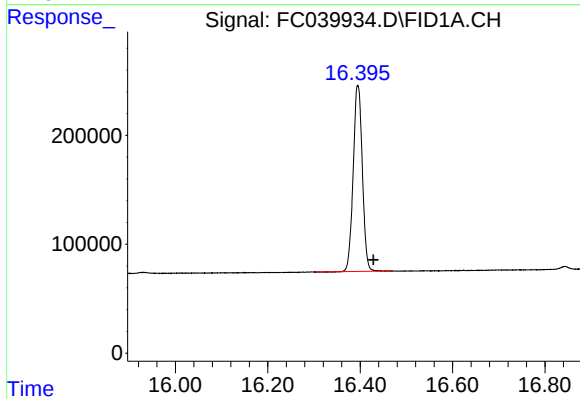
#14 n-Tetracosane (C24)

R.T.: 14.436 min  
Delta R.T.: -0.034 min  
Response: 2356216  
Conc: 18.85 ug/ml



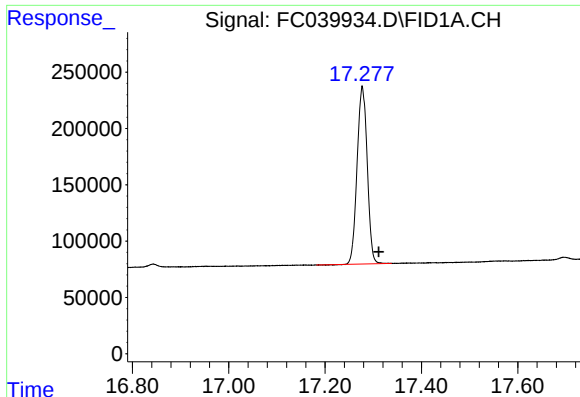
#15 n-Hexacosane (C26)

R.T.: 15.451 min  
Delta R.T.: -0.034 min  
Response: 2344965  
Conc: 18.80 ug/ml



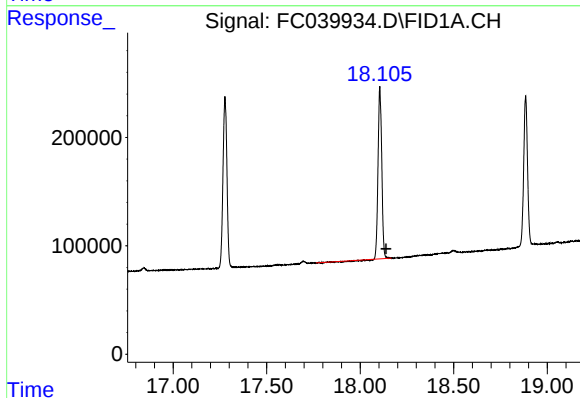
#16 n-Octacosane (C28)

R.T.: 16.395 min  
Delta R.T.: -0.034 min  
Response: 2347418  
Conc: 17.56 ug/ml



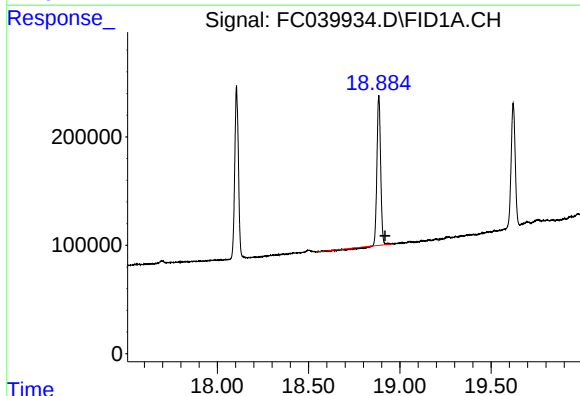
#17 n-Tricontane (C30)

R.T.: 17.278 min  
Delta R.T.: -0.034 min  
Response: 2310180  
Conc: 15.74 ug/ml



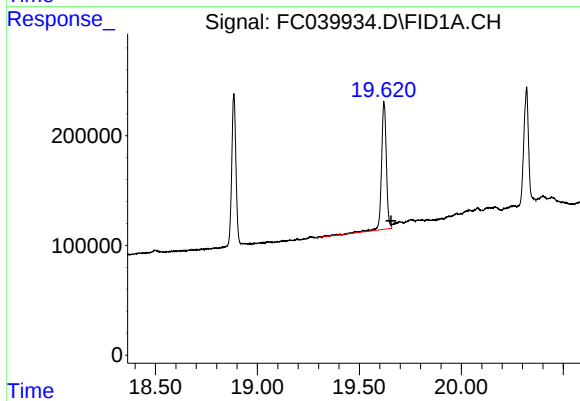
#18 n-Dotriacontane (C32)

R.T.: 18.105 min  
Delta R.T.: -0.034 min  
Response: 2151210  
Conc: 16.01 ug/ml



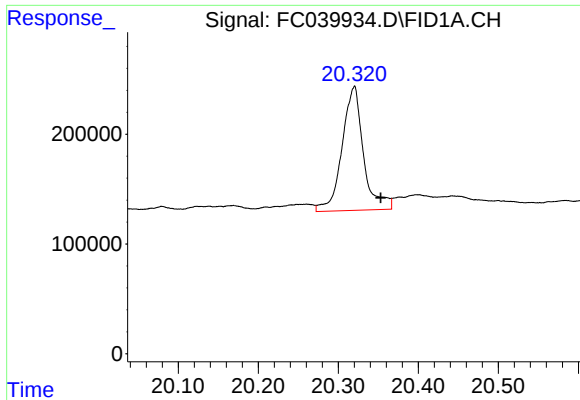
#19 n-Tetratriacontane (C34)

R.T.: 18.884 min  
Delta R.T.: -0.034 min  
Response: 1872626  
Conc: 16.46 ug/ml



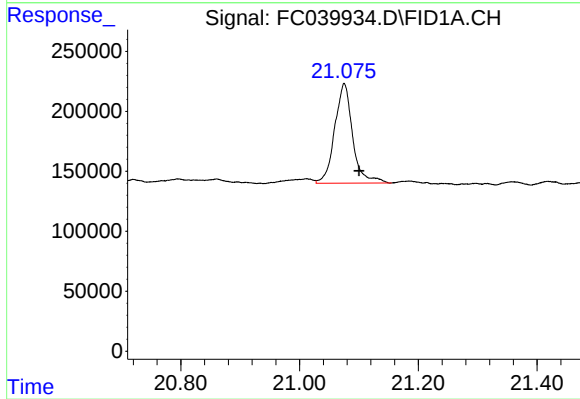
#20 n-Hexatriacontane (C36)

R.T.: 19.621 min  
Delta R.T.: -0.034 min  
Response: 1933705  
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.319 min  
Delta R.T.: -0.034 min  
Response: 2108951  
Conc: 22.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.075 min  
Delta R.T.: -0.025 min  
Response: 1744370  
Conc: 19.22 ug/ml