

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101421AL\  
 Data File : FC056184.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Oct 2021 20:12  
 Operator : AJ\MA  
 Sample : M4194-03MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 15 01:11:55 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)    | 11.637 | 3914020    | 32.985 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 65.97%       |
| 12) S 1-chlorooctadecane (S... | 13.068 | 3252716    | 35.404 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 70.81%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.388  | 2044335    | 19.157 ug/ml |
| 2) T n-Decane (C10)            | 4.456  | 2300418    | 21.521 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.049  | 2639891    | 21.940 ug/ml |
| 4) T n-Dodecane (C12)          | 6.475  | 2534394    | 23.350 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.107  | 2955147    | 24.327 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.273  | 3435162    | 31.049 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.873  | 4275210    | 38.623 ug/ml |
| 8) T n-Octadecane (C18)        | 11.315 | 4677582    | 41.793 ug/ml |
| 10) T n-Eicosane (C20)         | 12.623 | 4532517    | 41.496 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.235 | 4477478    | 41.182 ug/ml |
| 13) T n-Docosane (C22)         | 13.820 | 4428949    | 41.470 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.921 | 8753039    | 83.706 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.940 | 4364224    | 43.436 ug/ml |
| 16) T n-Octacosane (C28)       | 16.886 | 4432681    | 45.826 ug/ml |
| 17) T n-Tricontane (C30)       | 17.771 | 4333599    | 46.706 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.600 | 4293269    | 48.290 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.381 | 4138099    | 47.846 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.116 | 3913721    | 47.902 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.855 | 3705272    | 46.497 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.779 | 3774341    | 47.085 ug/ml |
| -----                          |        |            |              |

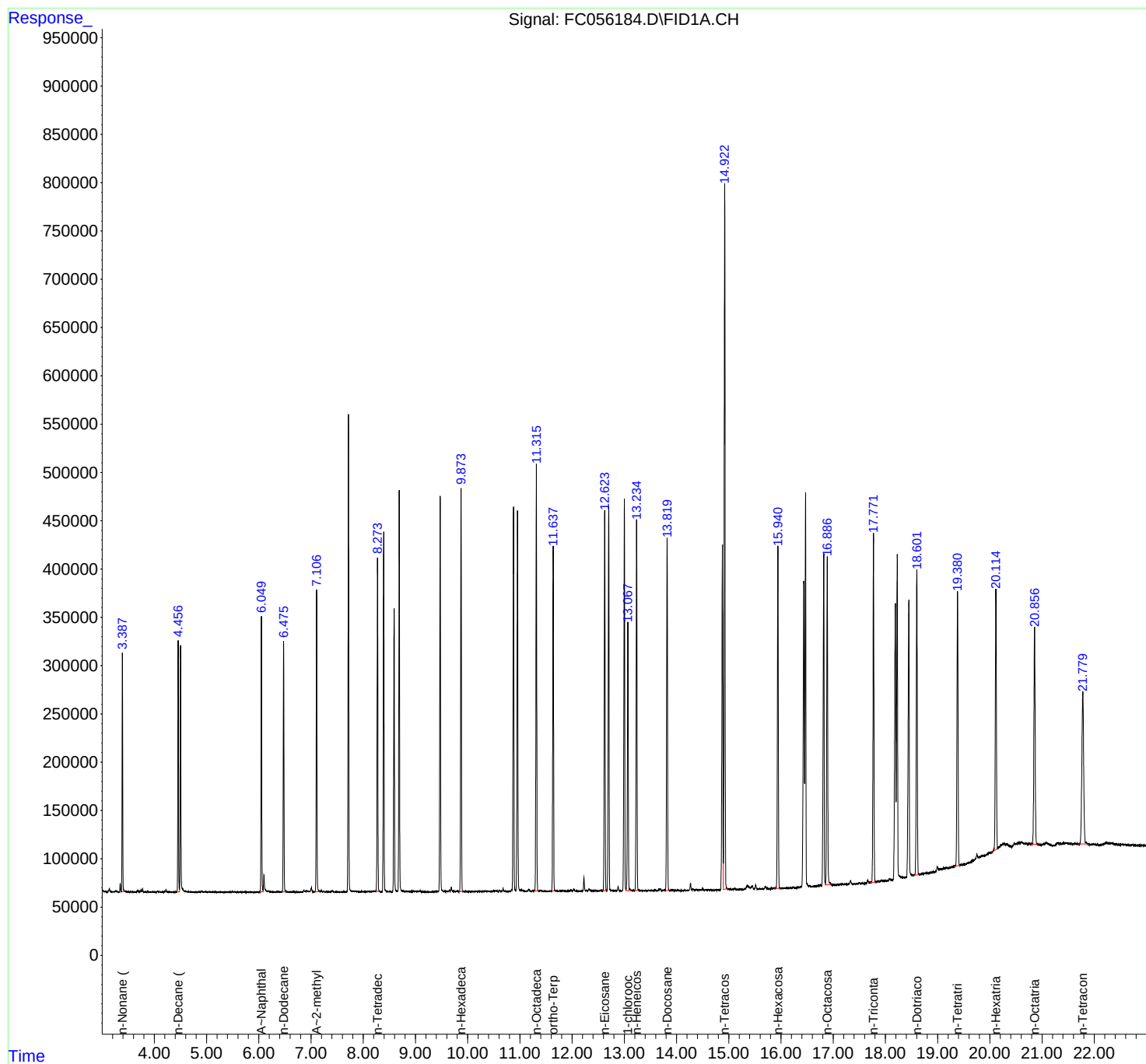
(f)=RT Delta > 1/2 Window

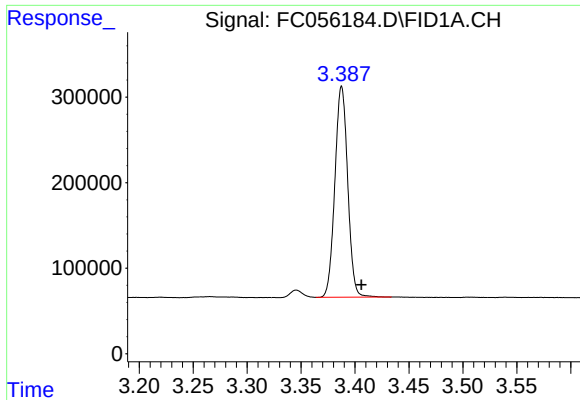
(m)=manual int.

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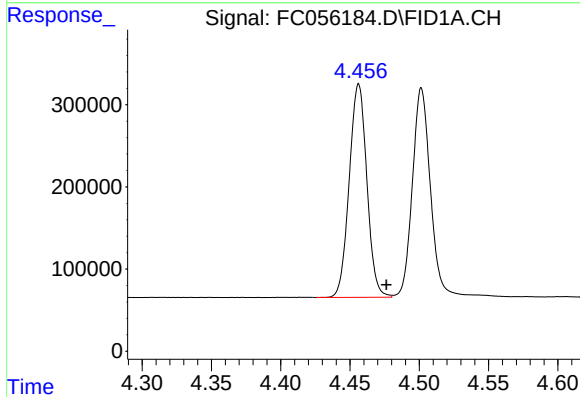
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Signal Info : 20M x 0.18mm x 0.18um





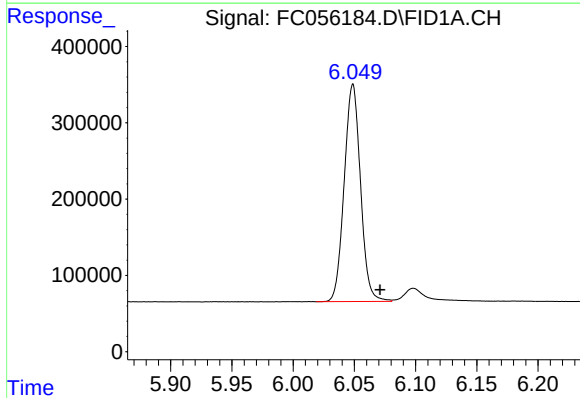
#1 n-Nonane (C9)

R.T.: 3.388 min  
Delta R.T.: -0.018 min  
Response: 2044335  
Conc: 19.16 ug/ml



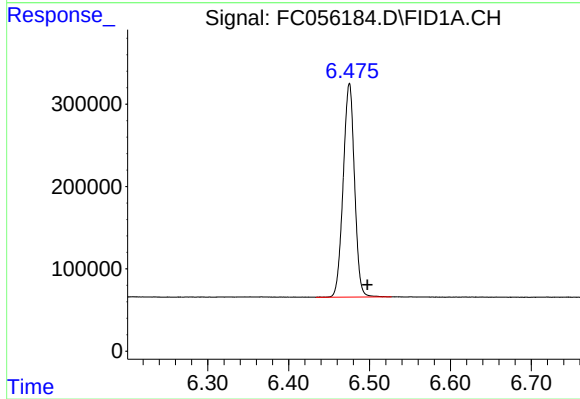
#2 n-Decane (C10)

R.T.: 4.456 min  
Delta R.T.: -0.020 min  
Response: 2300418  
Conc: 21.52 ug/ml



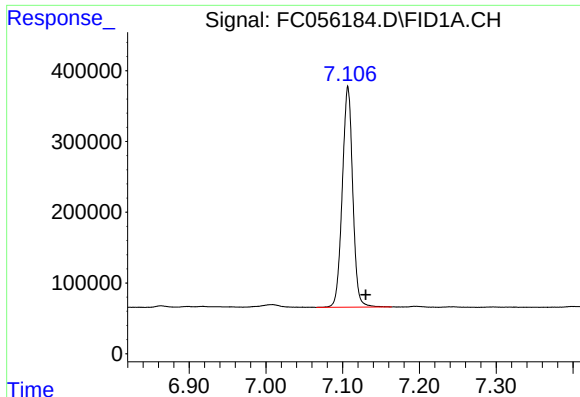
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min  
Delta R.T.: -0.022 min  
Response: 2639891  
Conc: 21.94 ug/ml



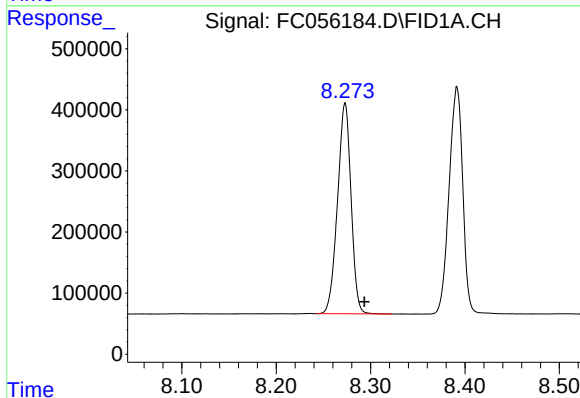
#4 n-Dodecane (C12)

R.T.: 6.475 min  
Delta R.T.: -0.022 min  
Response: 2534394  
Conc: 23.35 ug/ml



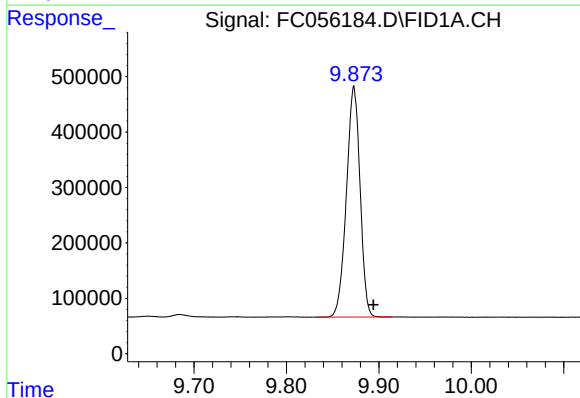
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min  
Delta R.T.: -0.023 min  
Response: 2955147  
Conc: 24.33 ug/ml



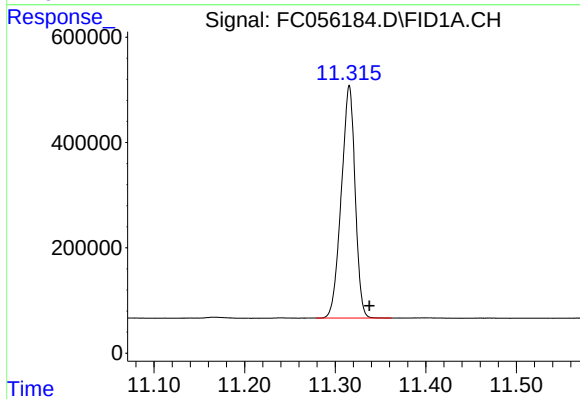
#6 n-Tetradecane (C14)

R.T.: 8.273 min  
Delta R.T.: -0.021 min  
Response: 3435162  
Conc: 31.05 ug/ml



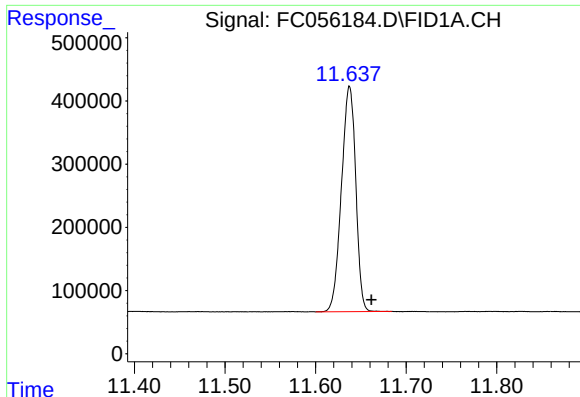
#7 n-Hexadecane (C16)

R.T.: 9.873 min  
Delta R.T.: -0.021 min  
Response: 4275210  
Conc: 38.62 ug/ml



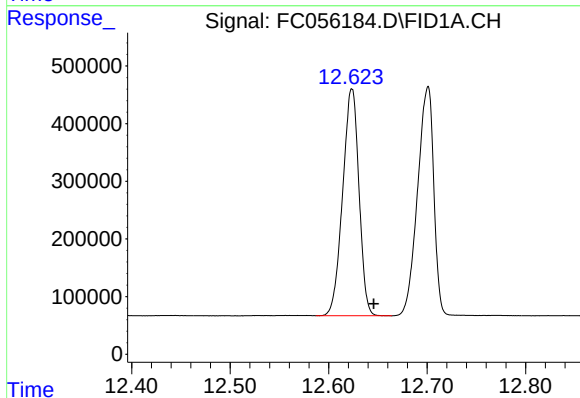
#8 n-Octadecane (C18)

R.T.: 11.315 min  
Delta R.T.: -0.022 min  
Response: 4677582  
Conc: 41.79 ug/ml



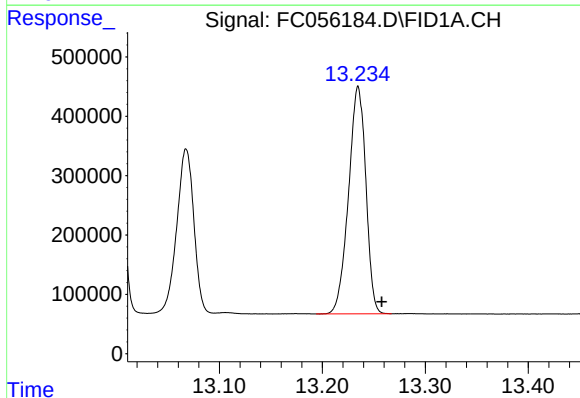
#9 ortho-Terphenyl (SURR)

R.T.: 11.637 min  
Delta R.T.: -0.024 min  
Response: 3914020  
Conc: 32.99 ug/ml



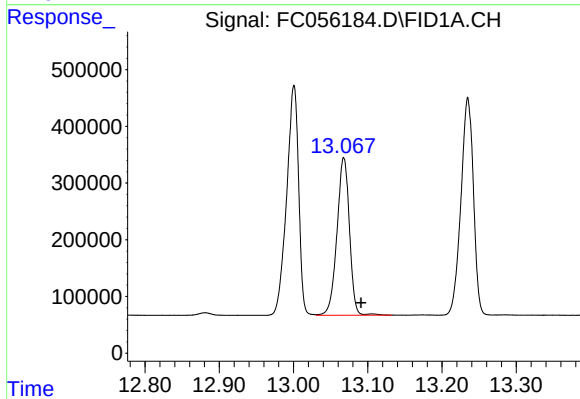
#10 n-Eicosane (C20)

R.T.: 12.623 min  
Delta R.T.: -0.023 min  
Response: 4532517  
Conc: 41.50 ug/ml



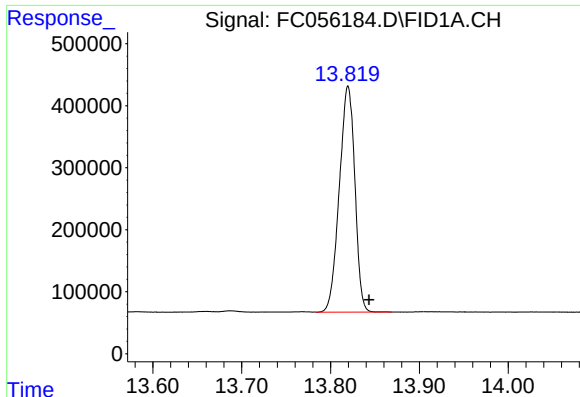
#11 n-Heneicosane (C21)

R.T.: 13.235 min  
Delta R.T.: -0.023 min  
Response: 4477478  
Conc: 41.18 ug/ml



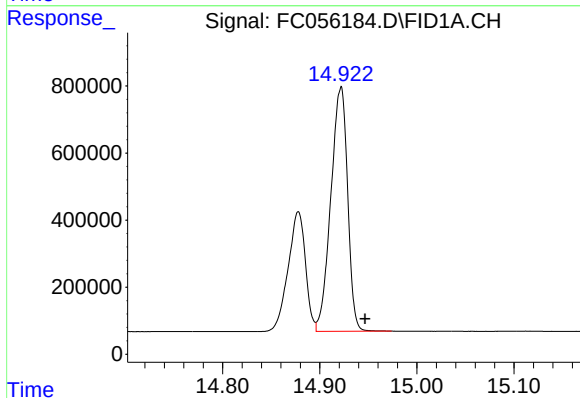
#12 1-chlorooctadecane (SURR)

R.T.: 13.068 min  
Delta R.T.: -0.023 min  
Response: 3252716  
Conc: 35.40 ug/ml



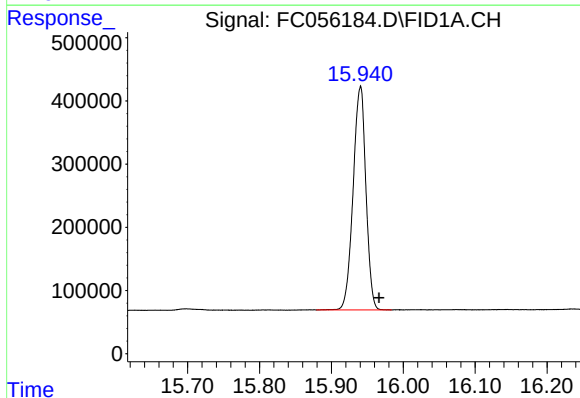
#13 n-Docosane (C22)

R.T.: 13.820 min  
Delta R.T.: -0.024 min  
Response: 4428949  
Conc: 41.47 ug/ml



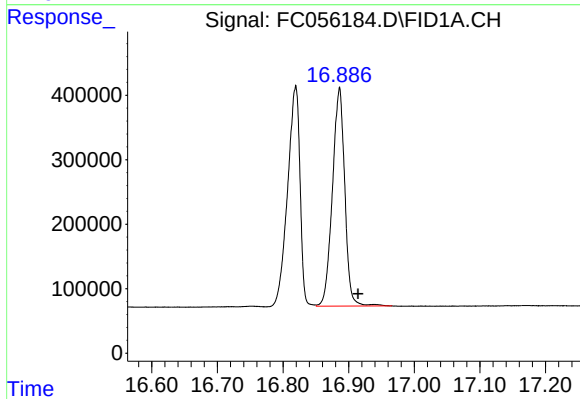
#14 n-Tetracosane (C24)

R.T.: 14.921 min  
Delta R.T.: -0.025 min  
Response: 8753039  
Conc: 83.71 ug/ml



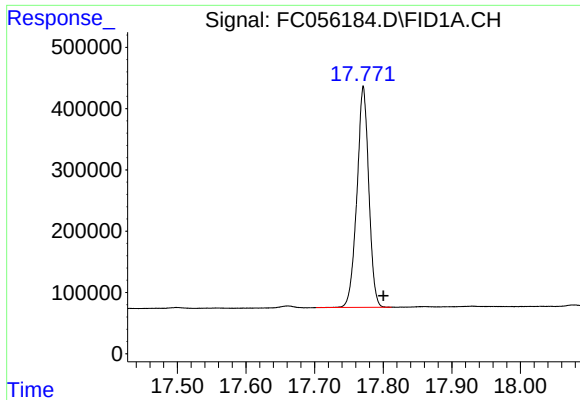
#15 n-Hexacosane (C26)

R.T.: 15.940 min  
Delta R.T.: -0.026 min  
Response: 4364224  
Conc: 43.44 ug/ml



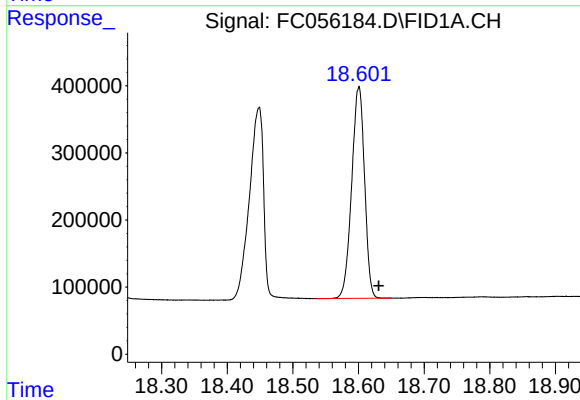
#16 n-Octacosane (C28)

R.T.: 16.886 min  
Delta R.T.: -0.029 min  
Response: 4432681  
Conc: 45.83 ug/ml



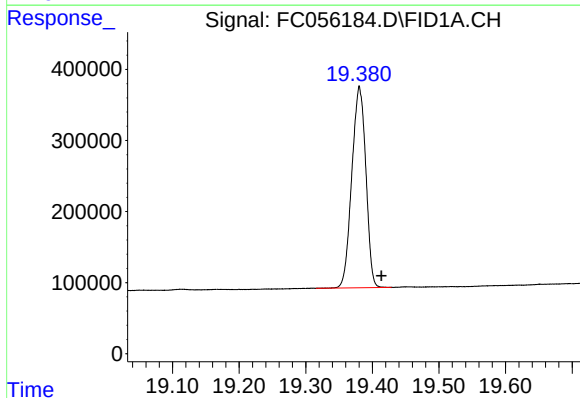
#17 n-Tricontane (C30)

R.T.: 17.771 min  
Delta R.T.: -0.029 min  
Response: 4333599  
Conc: 46.71 ug/ml



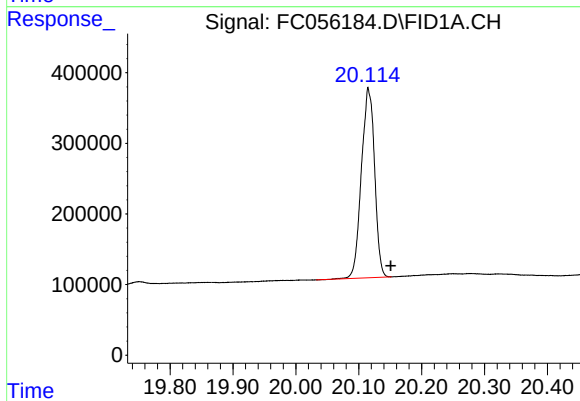
#18 n-Dotriacontane (C32)

R.T.: 18.600 min  
Delta R.T.: -0.030 min  
Response: 4293269  
Conc: 48.29 ug/ml



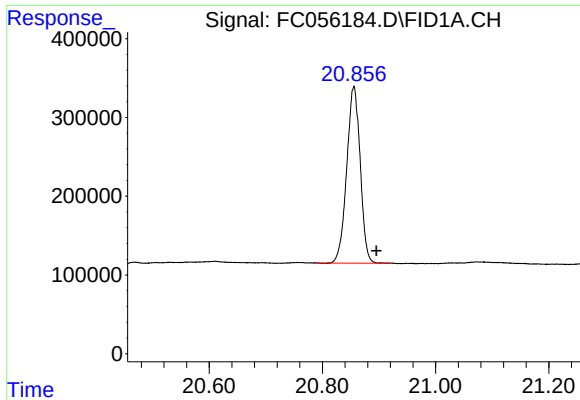
#19 n-Tetratriacontane (C34)

R.T.: 19.381 min  
Delta R.T.: -0.033 min  
Response: 4138099  
Conc: 47.85 ug/ml



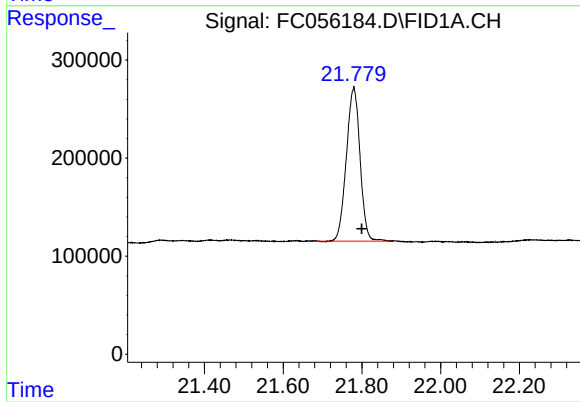
#20 n-Hexatriacontane (C36)

R.T.: 20.116 min  
Delta R.T.: -0.035 min  
Response: 3913721  
Conc: 47.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.855 min  
Delta R.T.: -0.040 min  
Response: 3705272  
Conc: 46.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.779 min  
Delta R.T.: -0.021 min  
Response: 3774341  
Conc: 47.08 ug/ml