

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121319AL\  
 Data File : FC044900.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 Dec 2019 10:06  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Dec 13 23:03:46 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 112219.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 23 03:00:37 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)    | 11.759 | 2311984    | 20.290 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.58%       |
| 12) S 1-chlorooctadecane (S... | 13.182 | 1813270    | 20.476 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.95%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.504  | 2185577    | 21.498 ug/ml |
| 2) T n-Decane (C10)            | 4.579  | 2201087    | 21.674 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 6.180  | 2453469    | 21.475 ug/ml |
| 4) T n-Dodecane (C12)          | 6.599  | 2216477    | 21.786 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.236  | 2459347    | 21.448 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.390  | 2223001    | 21.809 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.988  | 2221949    | 21.655 ug/ml |
| 8) T n-Octadecane (C18)        | 11.428 | 2202764    | 21.274 ug/ml |
| 10) T n-Eicosane (C20)         | 12.735 | 2157911    | 20.686 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.346 | 2140069    | 20.288 ug/ml |
| 13) T n-Docosane (C22)         | 13.931 | 2115350    | 20.052 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.033 | 2054817    | 19.194 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.051 | 1984246    | 18.644 ug/ml |
| 16) T n-Octacosane (C28)       | 17.000 | 1922803    | 18.320 ug/ml |
| 17) T n-Tricontane (C30)       | 17.886 | 1839673    | 18.374 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.718 | 1562804    | 18.770 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.501 | 1346084    | 19.620 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.238 | 1234735    | 20.686 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.010 | 1171986    | 21.801 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.980 | 1198580    | 22.371 ug/ml |
| -----                          |        |            |              |

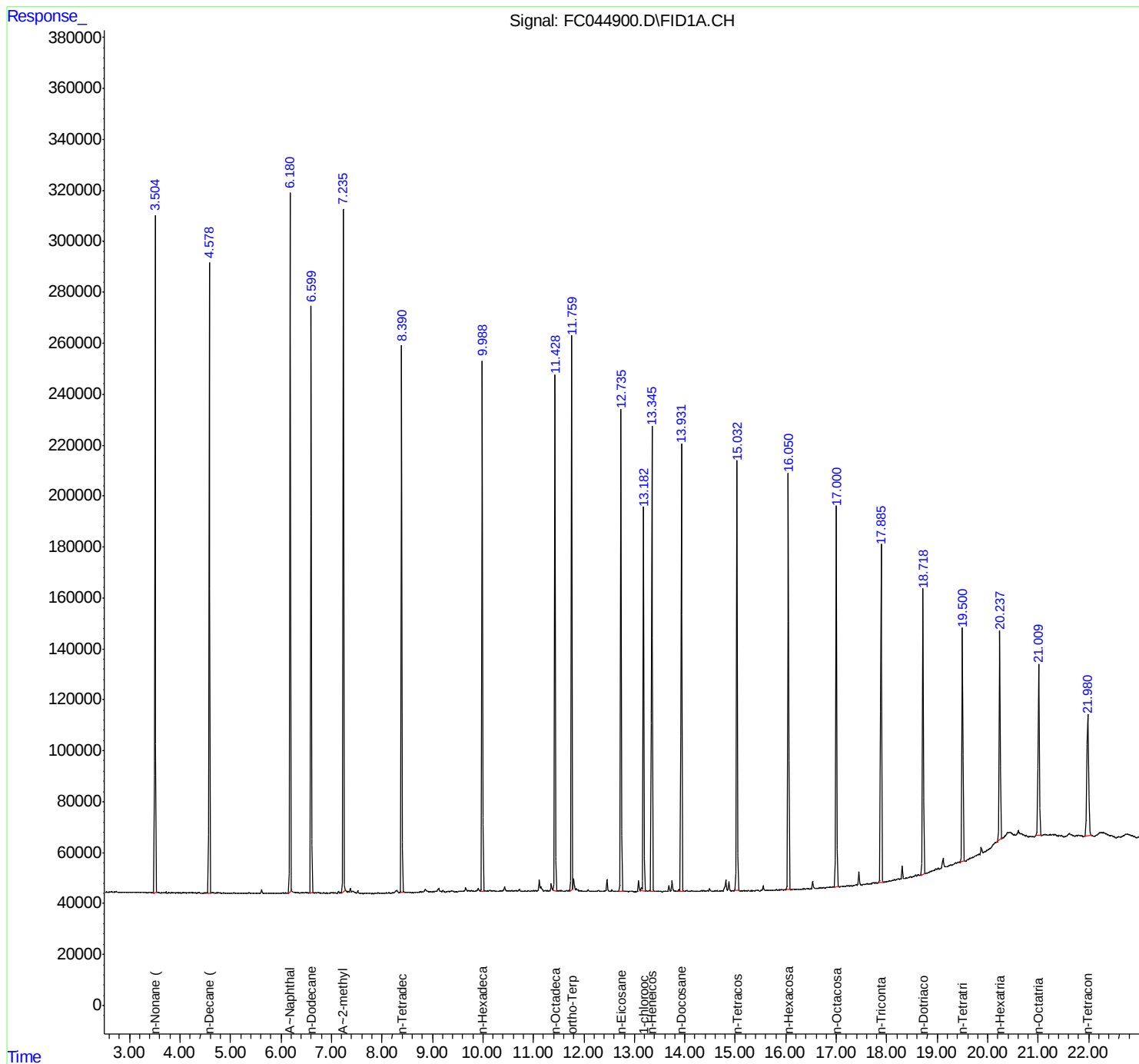
(f)=RT Delta > 1/2 Window

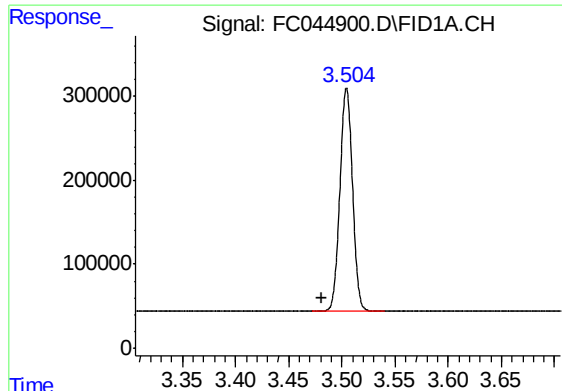
(m)=manual int.

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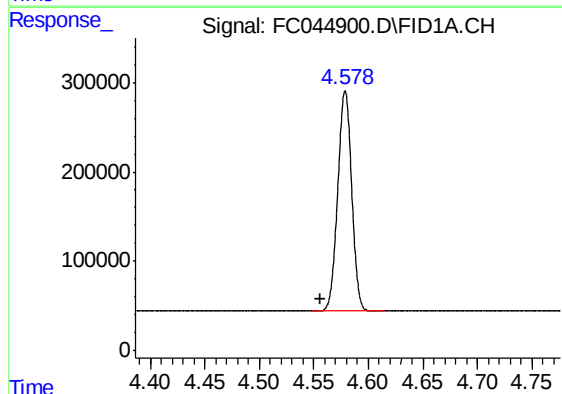
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





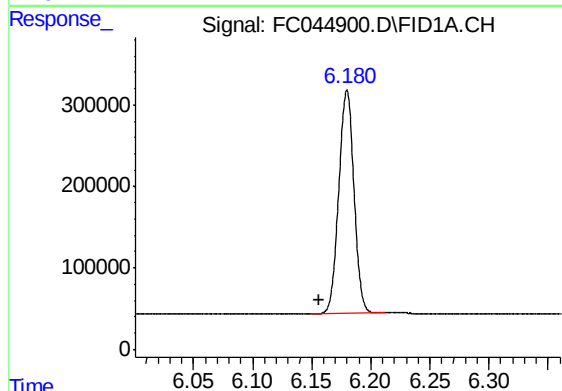
#1 n-Nonane (C9)

R.T.: 3.504 min  
Delta R.T.: 0.023 min  
Response: 2185577  
Conc: 21.50 ug/ml



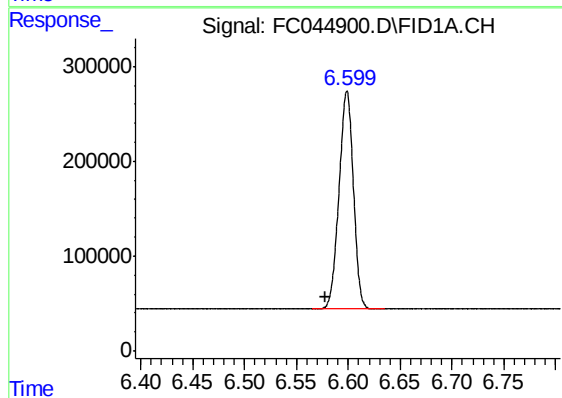
#2 n-Decane (C10)

R.T.: 4.579 min  
Delta R.T.: 0.023 min  
Response: 2201087  
Conc: 21.67 ug/ml



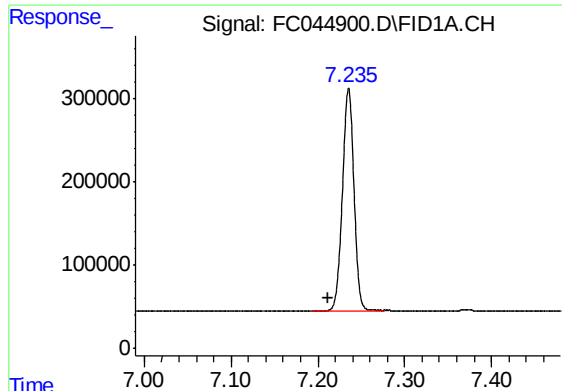
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min  
Delta R.T.: 0.023 min  
Response: 2453469  
Conc: 21.47 ug/ml



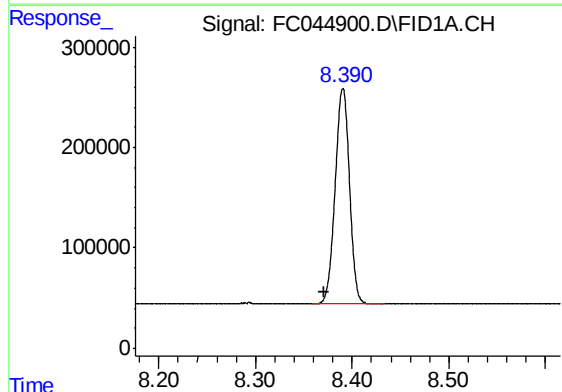
#4 n-Dodecane (C12)

R.T.: 6.599 min  
Delta R.T.: 0.021 min  
Response: 2216477  
Conc: 21.79 ug/ml



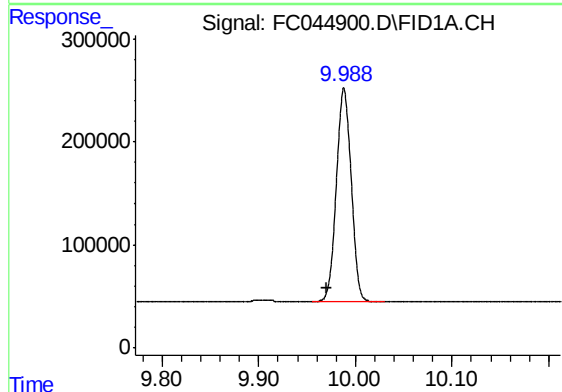
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.236 min  
Delta R.T.: 0.023 min  
Response: 2459347  
Conc: 21.45 ug/ml



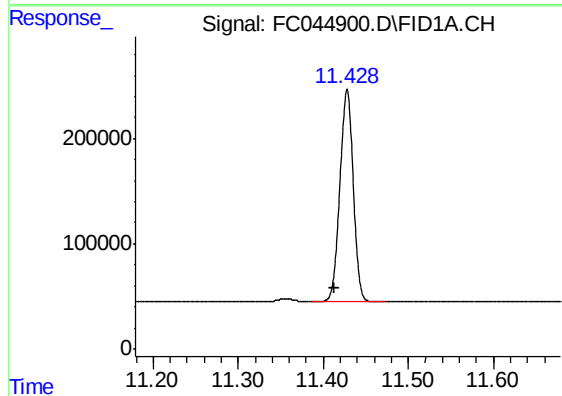
#6 n-Tetradecane (C14)

R.T.: 8.390 min  
Delta R.T.: 0.019 min  
Response: 2223001  
Conc: 21.81 ug/ml



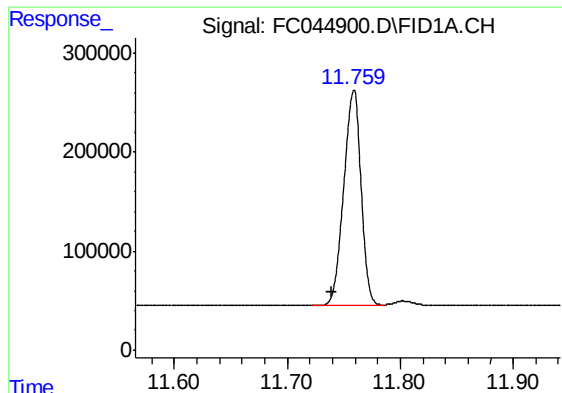
#7 n-Hexadecane (C16)

R.T.: 9.988 min  
Delta R.T.: 0.018 min  
Response: 2221949  
Conc: 21.65 ug/ml



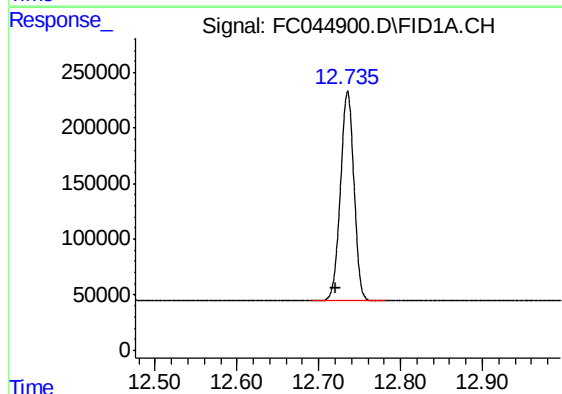
#8 n-Octadecane (C18)

R.T.: 11.428 min  
Delta R.T.: 0.016 min  
Response: 2202764  
Conc: 21.27 ug/ml



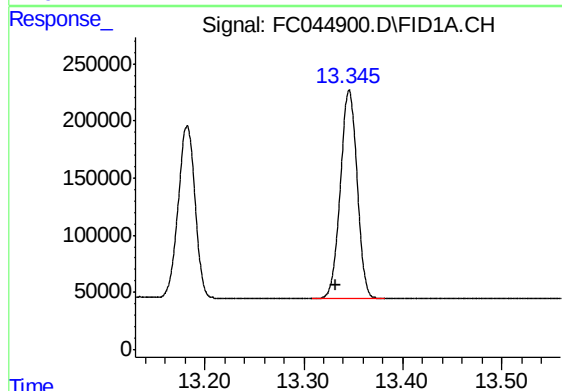
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min  
Delta R.T.: 0.020 min  
Response: 2311984  
Conc: 20.29 ug/ml



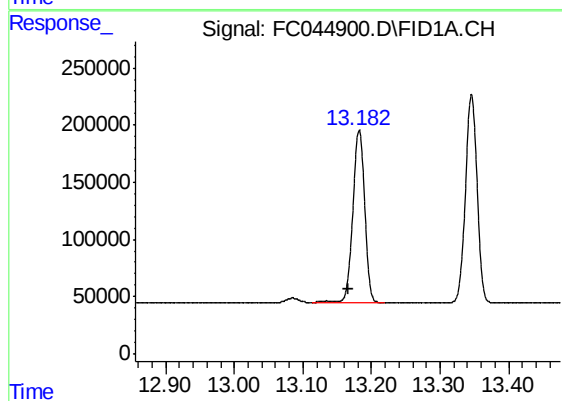
#10 n-Eicosane (C20)

R.T.: 12.735 min  
Delta R.T.: 0.014 min  
Response: 2157911  
Conc: 20.69 ug/ml



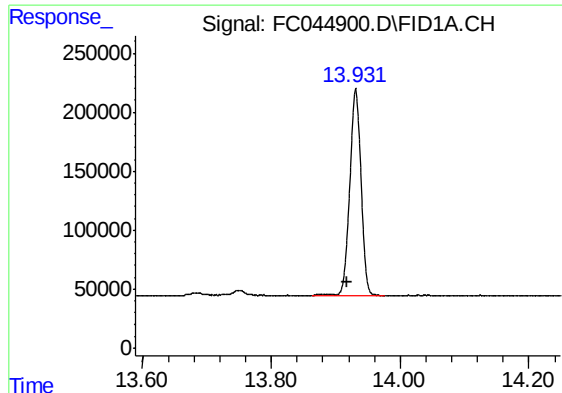
#11 n-Heneicosane (C21)

R.T.: 13.346 min  
Delta R.T.: 0.014 min  
Response: 2140069  
Conc: 20.29 ug/ml



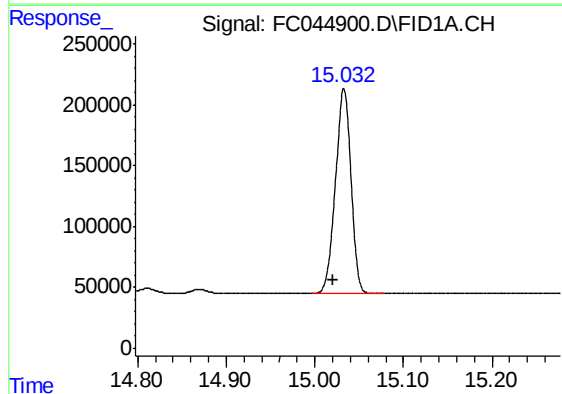
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min  
Delta R.T.: 0.015 min  
Response: 1813270  
Conc: 20.48 ug/ml



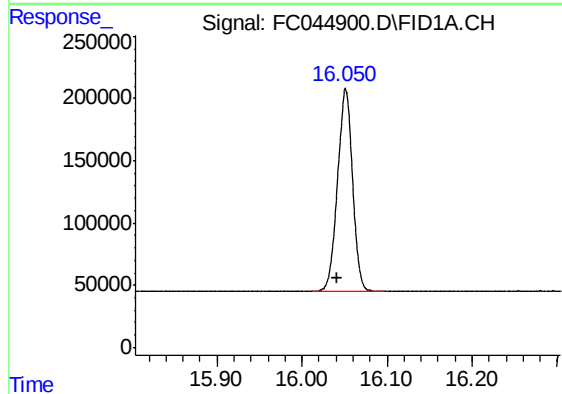
#13 n-Docosane (C22)

R.T.: 13.931 min  
Delta R.T.: 0.012 min  
Response: 2115350  
Conc: 20.05 ug/ml



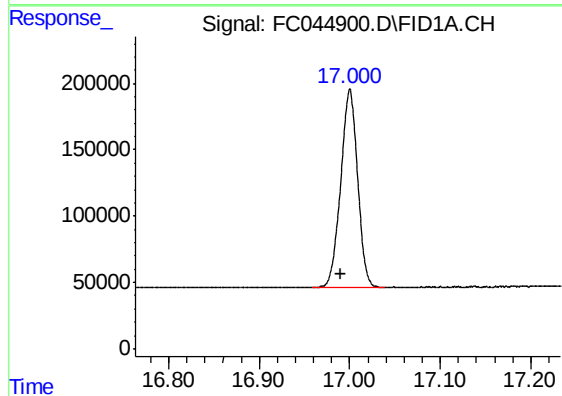
#14 n-Tetracosane (C24)

R.T.: 15.033 min  
Delta R.T.: 0.012 min  
Response: 2054817  
Conc: 19.19 ug/ml



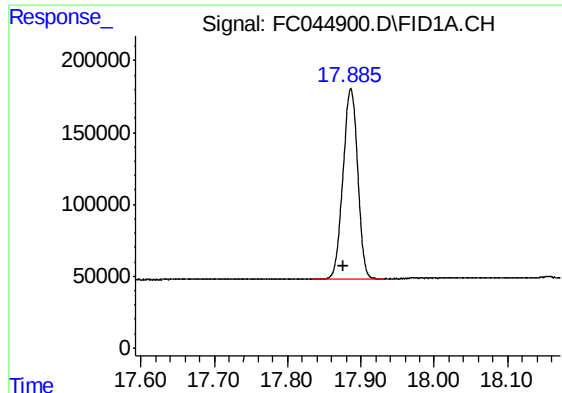
#15 n-Hexacosane (C26)

R.T.: 16.051 min  
Delta R.T.: 0.011 min  
Response: 1984246  
Conc: 18.64 ug/ml



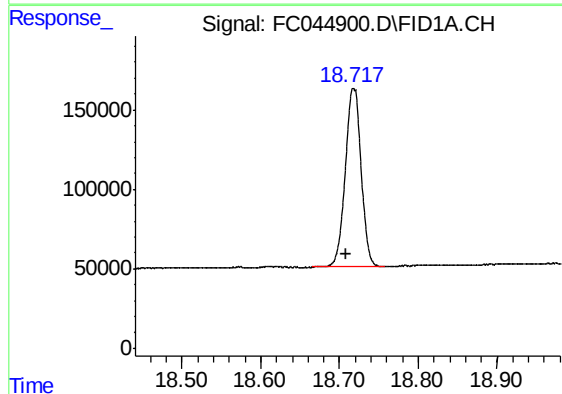
#16 n-Octacosane (C28)

R.T.: 17.000 min  
Delta R.T.: 0.010 min  
Response: 1922803  
Conc: 18.32 ug/ml



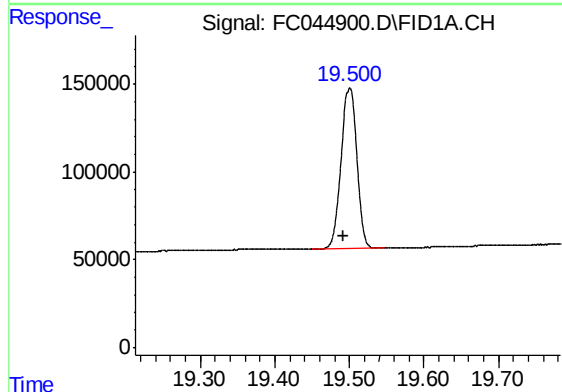
#17 n-Tricontane (C30)

R.T.: 17.886 min  
Delta R.T.: 0.009 min  
Response: 1839673  
Conc: 18.37 ug/ml



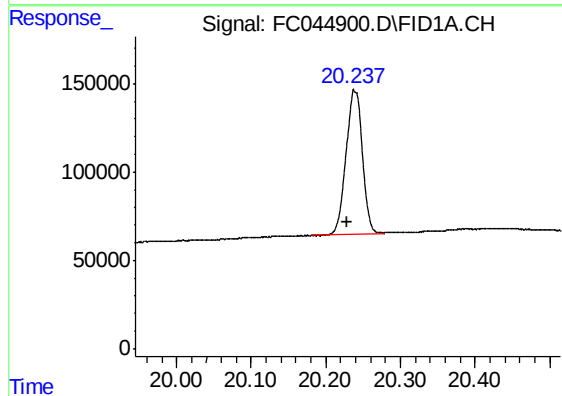
#18 n-Dotriacontane (C32)

R.T.: 18.718 min  
Delta R.T.: 0.010 min  
Response: 1562804  
Conc: 18.77 ug/ml



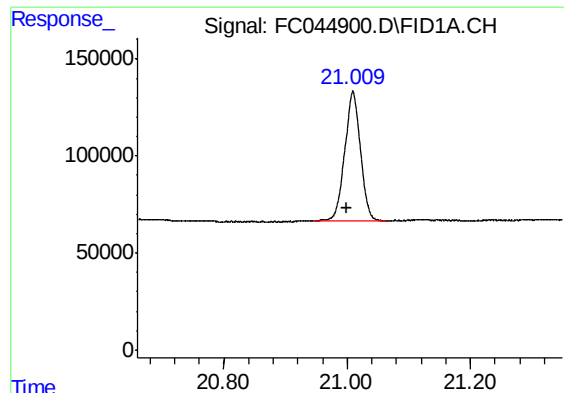
#19 n-Tetatriacontane (C34)

R.T.: 19.501 min  
Delta R.T.: 0.009 min  
Response: 1346084  
Conc: 19.62 ug/ml



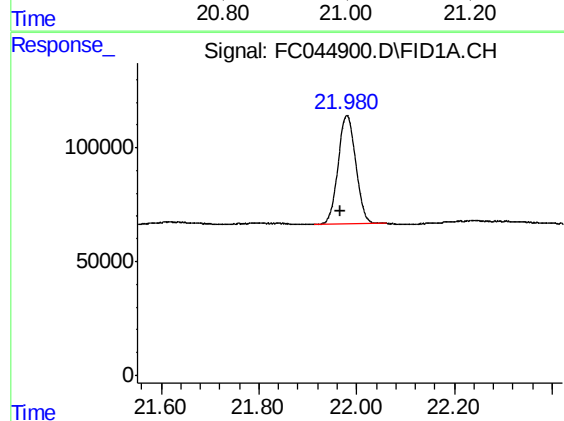
#20 n-Hexatriacontane (C36)

R.T.: 20.238 min  
Delta R.T.: 0.010 min  
Response: 1234735  
Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.010 min  
Delta R.T.: 0.011 min  
Response: 1171986  
Conc: 21.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.980 min  
Delta R.T.: 0.014 min  
Response: 1198580  
Conc: 22.37 ug/ml