

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041320AL\  
 Data File : FC046779.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 Apr 2020 9:48  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 14 03:30:04 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 032320.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 24 12:45:07 2020  
 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)    | 11.763 | 2002362    | 18.317 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.63%        |
| 12) S 1-chlorooctadecane (S... | 13.179 | 1552017    | 18.009 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.02%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.546  | 1982067    | 20.639 ug/ml  |
| 2) T n-Decane (C10)            | 4.614  | 1989245    | 20.712 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.216  | 2048688    | 20.447 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.622  | 1999385    | 20.484 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.266  | 2055695    | 20.333 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.405  | 1960834    | 19.913 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.997  | 1945275    | 19.485 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.430 | 1929332    | 19.009 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.733 | 1880776    | 18.397 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.342 | 1869028    | 18.127 ug/ml  |
| 13) T n-Docosane (C22)         | 13.925 | 1835178    | 17.877 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.024 | 1796870    | 17.407 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.040 | 1757523    | 17.130 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.987 | 1732354    | 17.021 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.869 | 1685117    | 17.200 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.698 | 1467661    | 17.506 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.478 | 1303997    | 18.200 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.215 | 1295007    | 18.486 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.978 | 1259433    | 19.958 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.941 | 1277159    | 18.456 ug/ml  |
| -----                          |        |            |               |

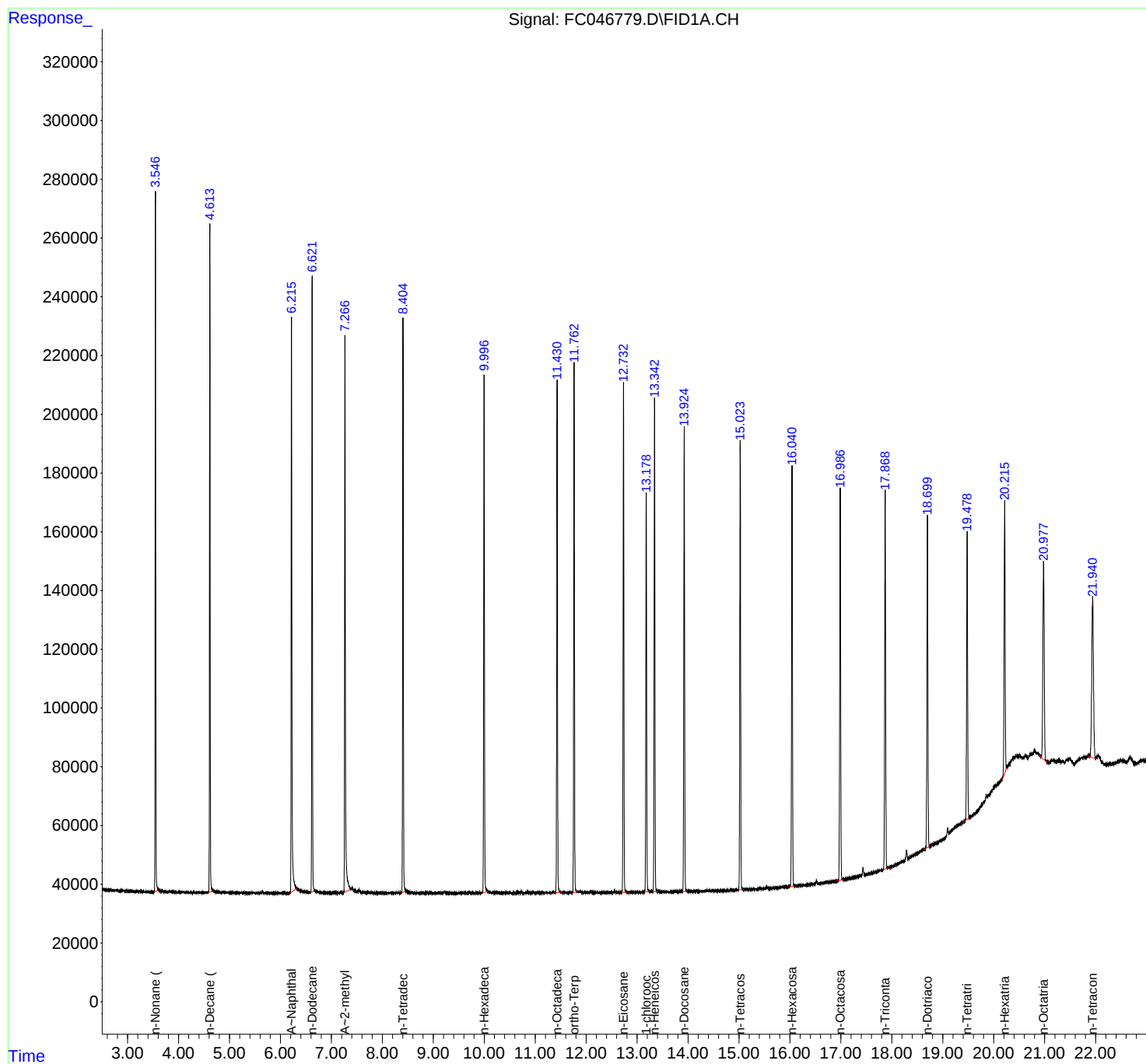
(f)=RT Delta > 1/2 Window

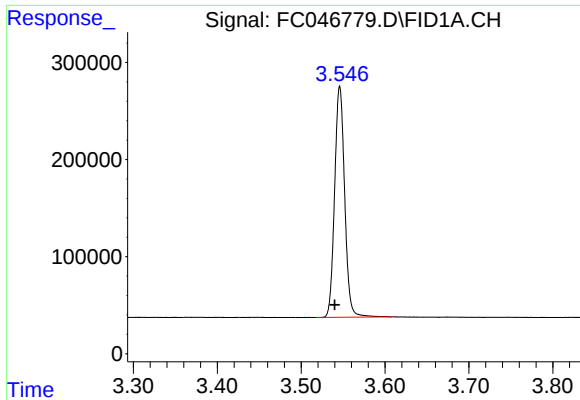
(m)=manual int.

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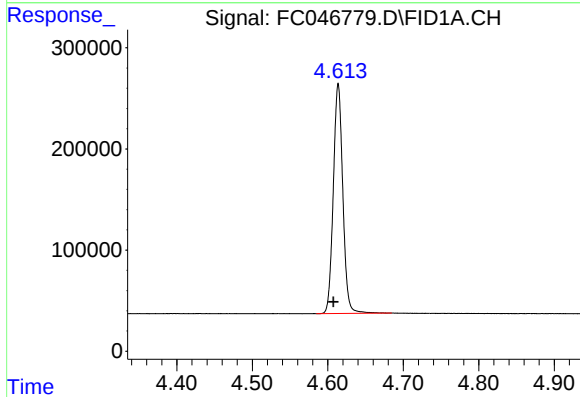
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





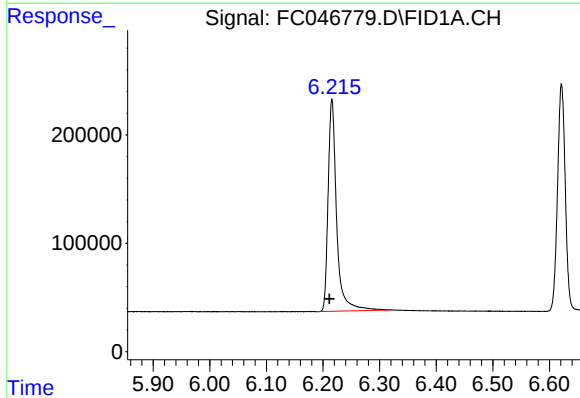
#1 n-Nonane (C9)

R.T.: 3.546 min  
Delta R.T.: 0.006 min  
Response: 1982067  
Conc: 20.64 ug/ml



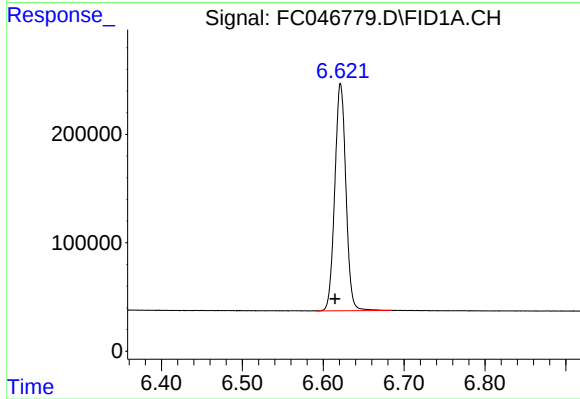
#2 n-Decane (C10)

R.T.: 4.614 min  
Delta R.T.: 0.007 min  
Response: 1989245  
Conc: 20.71 ug/ml



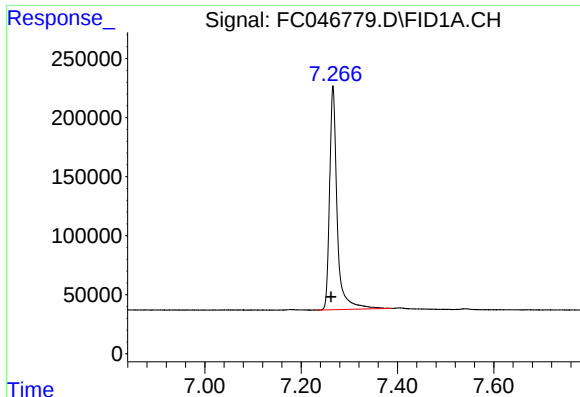
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min  
Delta R.T.: 0.005 min  
Response: 2048688  
Conc: 20.45 ug/ml



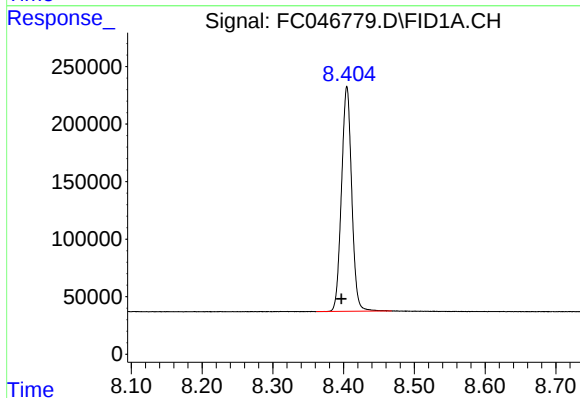
#4 n-Dodecane (C12)

R.T.: 6.622 min  
Delta R.T.: 0.007 min  
Response: 1999385  
Conc: 20.48 ug/ml



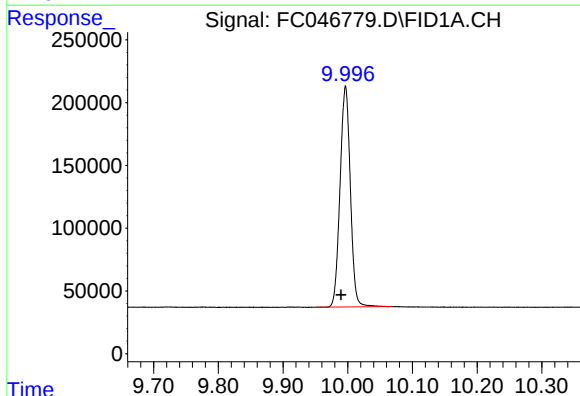
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min  
Delta R.T.: 0.004 min  
Response: 2055695  
Conc: 20.33 ug/ml



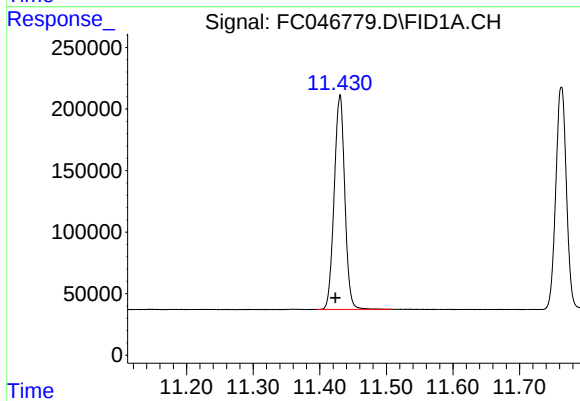
#6 n-Tetradecane (C14)

R.T.: 8.405 min  
Delta R.T.: 0.007 min  
Response: 1960834  
Conc: 19.91 ug/ml



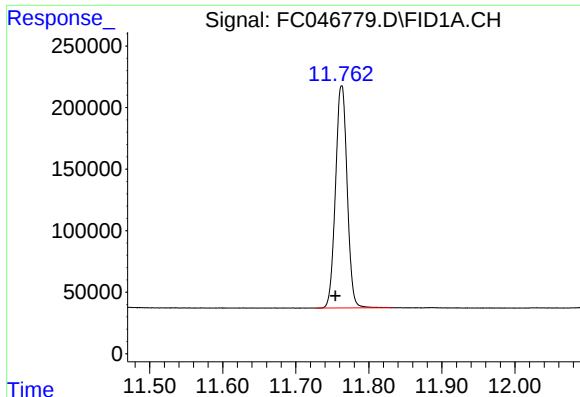
#7 n-Hexadecane (C16)

R.T.: 9.997 min  
Delta R.T.: 0.007 min  
Response: 1945275  
Conc: 19.49 ug/ml



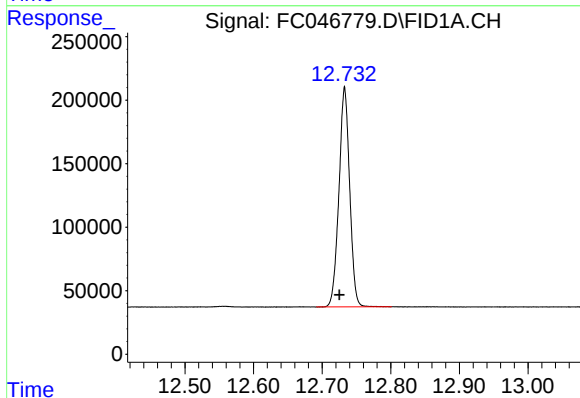
#8 n-Octadecane (C18)

R.T.: 11.430 min  
Delta R.T.: 0.007 min  
Response: 1929332  
Conc: 19.01 ug/ml



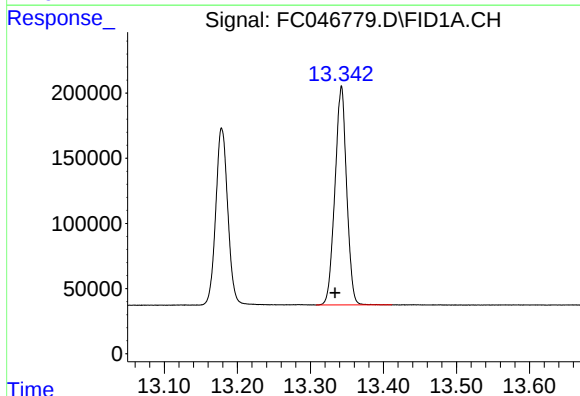
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min  
Delta R.T.: 0.008 min  
Response: 2002362  
Conc: 18.32 ug/ml



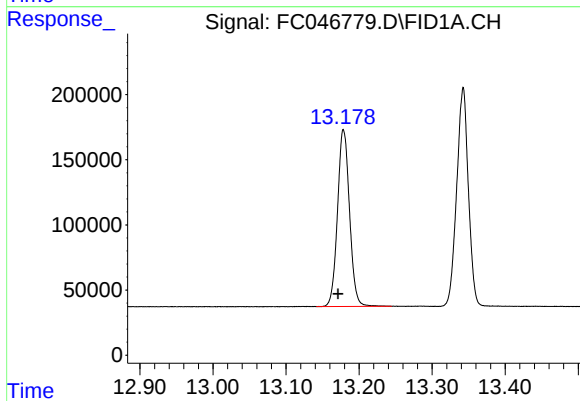
#10 n-Eicosane (C20)

R.T.: 12.733 min  
Delta R.T.: 0.008 min  
Response: 1880776  
Conc: 18.40 ug/ml



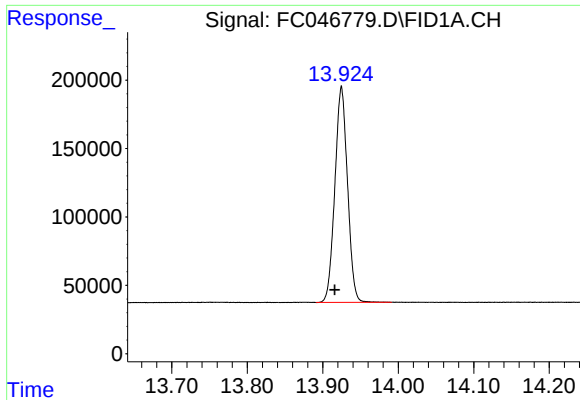
#11 n-Heneicosane (C21)

R.T.: 13.342 min  
Delta R.T.: 0.008 min  
Response: 1869028  
Conc: 18.13 ug/ml



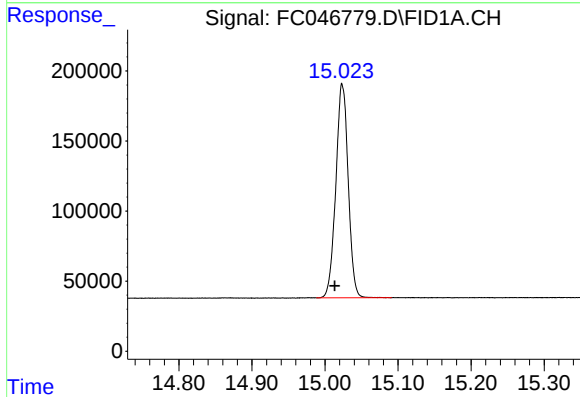
#12 1-chlorooctadecane (SURR)

R.T.: 13.179 min  
Delta R.T.: 0.008 min  
Response: 1552017  
Conc: 18.01 ug/ml



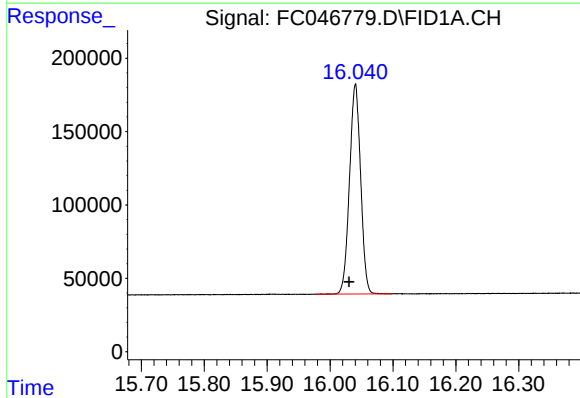
#13 n-Docosane (C22)

R.T.: 13.925 min  
Delta R.T.: 0.009 min  
Response: 1835178  
Conc: 17.88 ug/ml



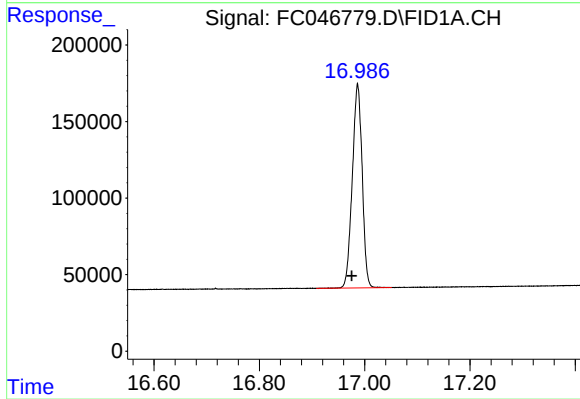
#14 n-Tetracosane (C24)

R.T.: 15.024 min  
Delta R.T.: 0.011 min  
Response: 1796870  
Conc: 17.41 ug/ml



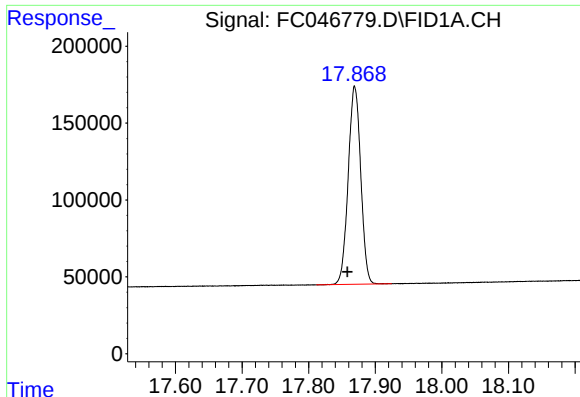
#15 n-Hexacosane (C26)

R.T.: 16.040 min  
Delta R.T.: 0.010 min  
Response: 1757523  
Conc: 17.13 ug/ml



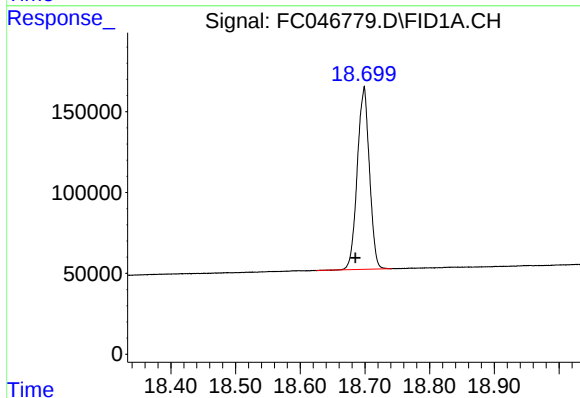
#16 n-Octacosane (C28)

R.T.: 16.987 min  
Delta R.T.: 0.011 min  
Response: 1732354  
Conc: 17.02 ug/ml



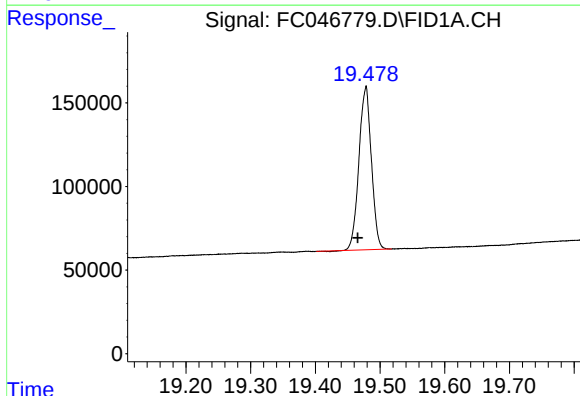
#17 n-Tricontane (C30)

R.T.: 17.869 min  
Delta R.T.: 0.011 min  
Response: 1685117  
Conc: 17.20 ug/ml



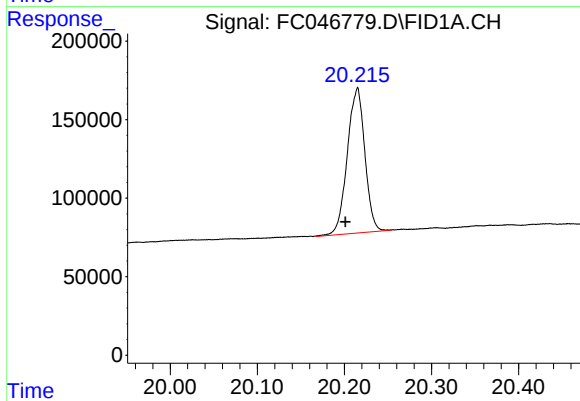
#18 n-Dotriacontane (C32)

R.T.: 18.698 min  
Delta R.T.: 0.013 min  
Response: 1467661  
Conc: 17.51 ug/ml



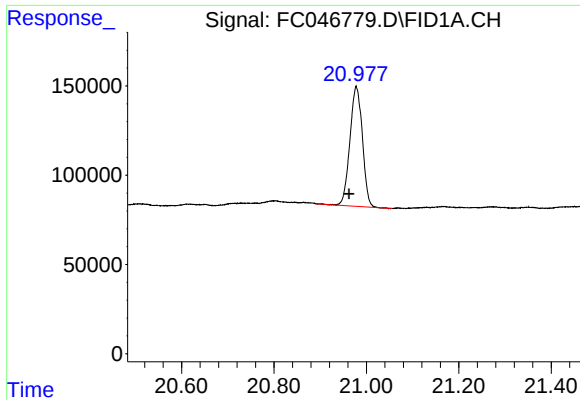
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min  
Delta R.T.: 0.012 min  
Response: 1303997  
Conc: 18.20 ug/ml



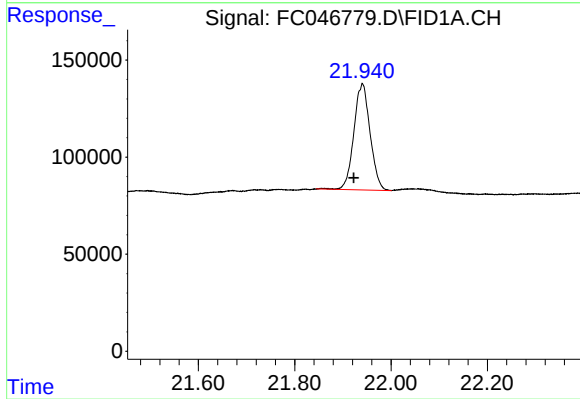
#20 n-Hexatriacontane (C36)

R.T.: 20.215 min  
Delta R.T.: 0.014 min  
Response: 1295007  
Conc: 18.49 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.978 min  
Delta R.T.: 0.016 min  
Response: 1259433  
Conc: 19.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.941 min  
Delta R.T.: 0.018 min  
Response: 1277159  
Conc: 18.46 ug/ml