

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041621AL\  
 Data File : FC053241.D  
 Signal(s) : FID1A.CH  
 Acq On : 17 Apr 2021 1:54  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 17 05:12:20 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)    | 11.558 | 2525204    | 17.479 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.96%       |
| 12) S 1-chlorooctadecane (S... | 12.999 | 1979010    | 17.128 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.26%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.308  | 2438331    | 19.482 ug/ml |
| 2) T n-Decane (C10)            | 4.375  | 2463847    | 19.571 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.961  | 2697723    | 19.366 ug/ml |
| 4) T n-Dodecane (C12)          | 6.396  | 2527261    | 19.733 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.020  | 2744321    | 19.414 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.195  | 2507275    | 19.487 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.798  | 2435922    | 19.052 ug/ml |
| 8) T n-Octadecane (C18)        | 11.242 | 2469242    | 18.258 ug/ml |
| 10) T n-Eicosane (C20)         | 12.553 | 2393875    | 17.428 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.166 | 2344057    | 17.060 ug/ml |
| 13) T n-Docosane (C22)         | 13.753 | 2284679    | 16.575 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.858 | 2161228    | 15.675 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.879 | 2042576    | 15.063 ug/ml |
| 16) T n-Octacosane (C28)       | 16.830 | 1970577    | 14.784 ug/ml |
| 17) T n-Tricontane (C30)       | 17.719 | 1933164    | 15.063 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.552 | 1899785    | 15.902 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.337 | 1882353    | 16.996 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.077 | 1834581    | 18.180 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.811 | 1771680    | 19.886 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.715 | 1951485    | 24.377 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

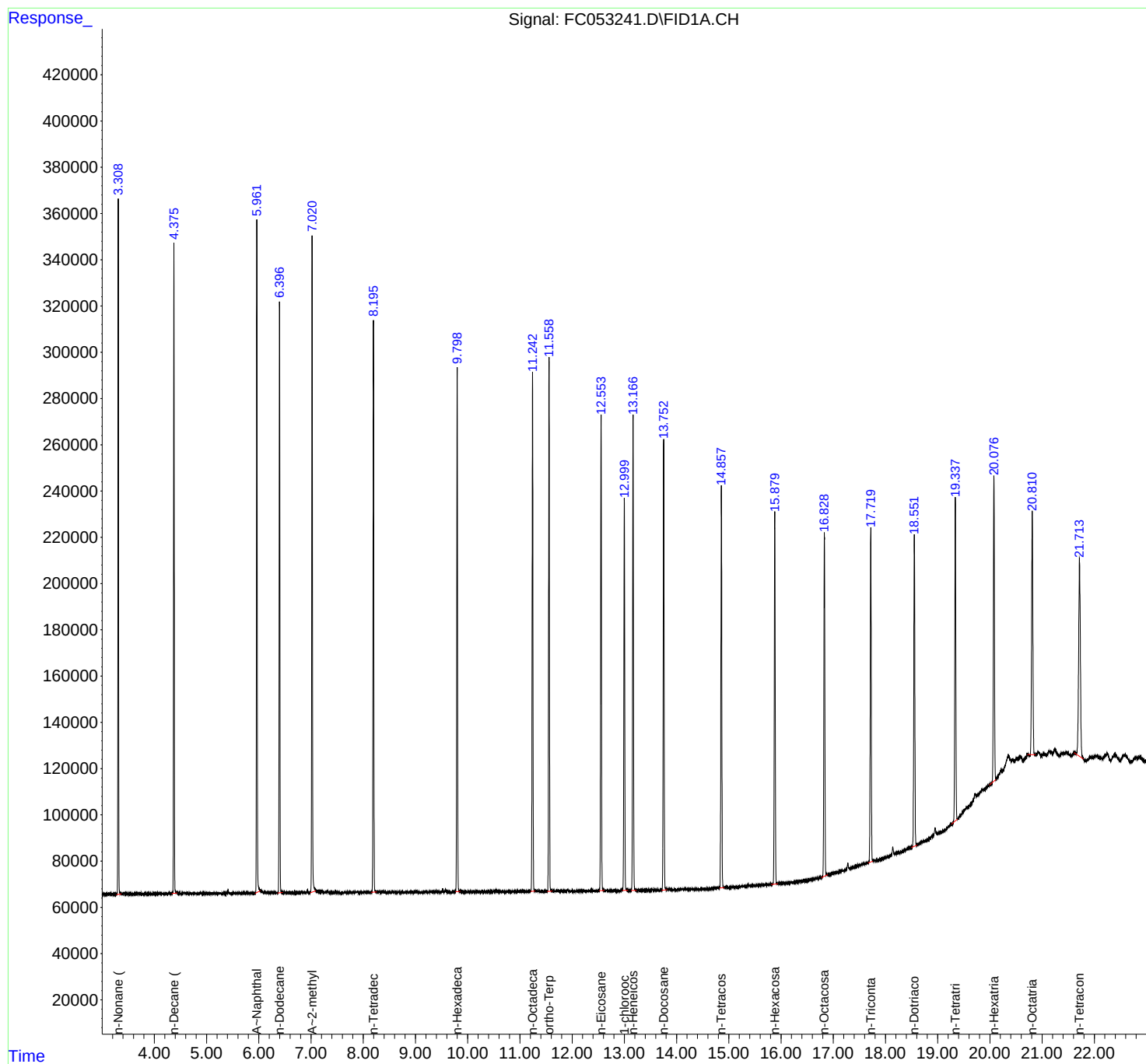
(m)=manual int.

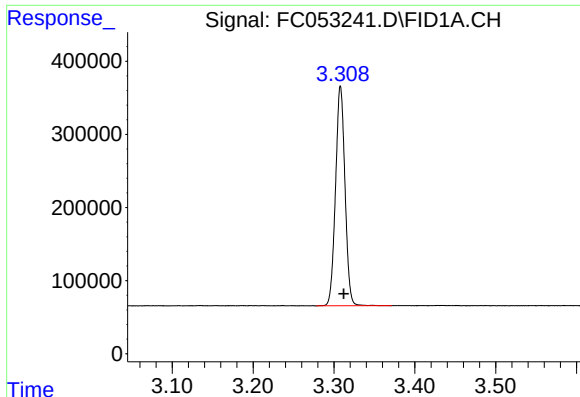
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041621AL\  
Data File : FC053241.D  
Signal(s) : FID1A.CH  
Acq On : 17 Apr 2021 1:54  
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QLast Update : Fri Apr 09 09:23:51 2021  
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Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um

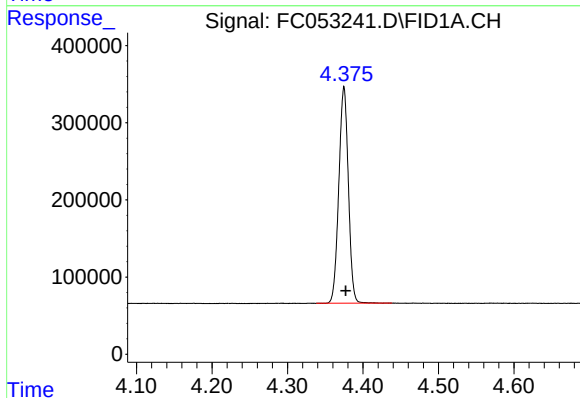




#1 n-Nonane (C9)

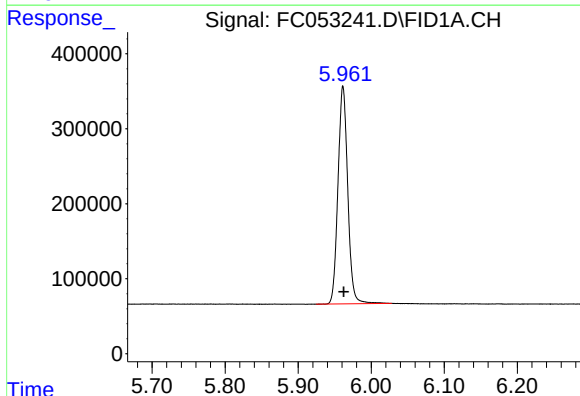
R.T.: 3.308 min  
Delta R.T.: -0.004 min  
Response: 2438331  
Conc: 19.48 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



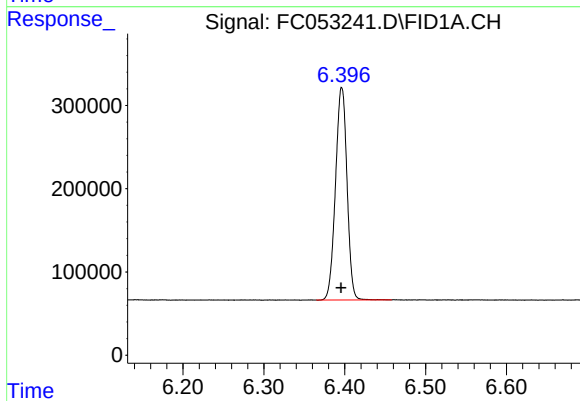
#2 n-Decane (C10)

R.T.: 4.375 min  
Delta R.T.: -0.003 min  
Response: 2463847  
Conc: 19.57 ug/ml



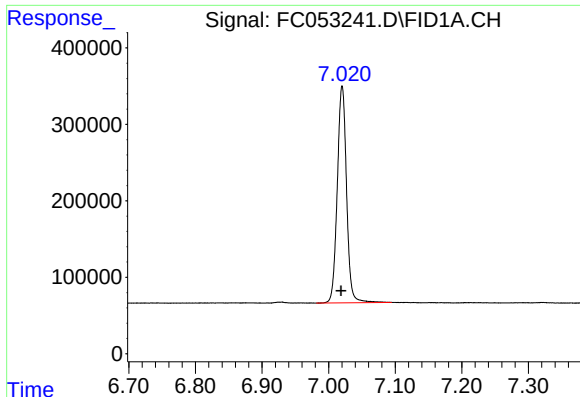
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 2697723  
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

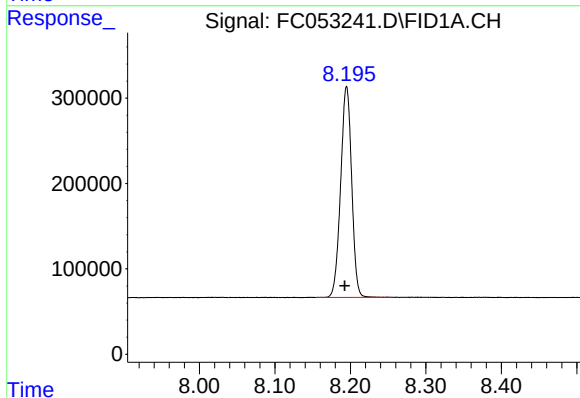
R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 2527261  
Conc: 19.73 ug/ml



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

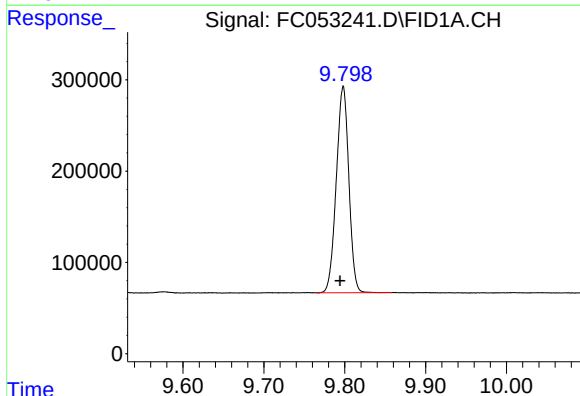
R.T.: 7.020 min  
Delta R.T.: 0.001 min  
Response: 2744321  
Conc: 19.41 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



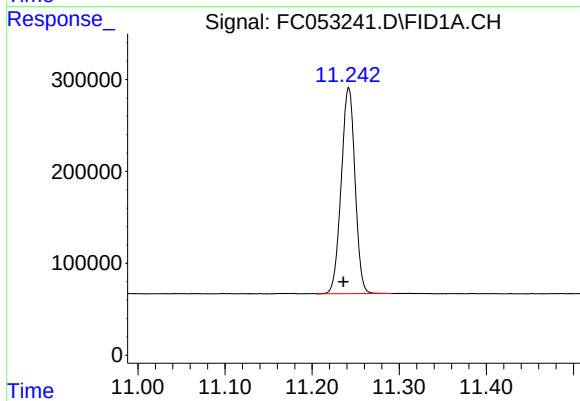
#6 n-Tetradecane (C14)

R.T.: 8.195 min  
Delta R.T.: 0.003 min  
Response: 2507275  
Conc: 19.49 ug/ml



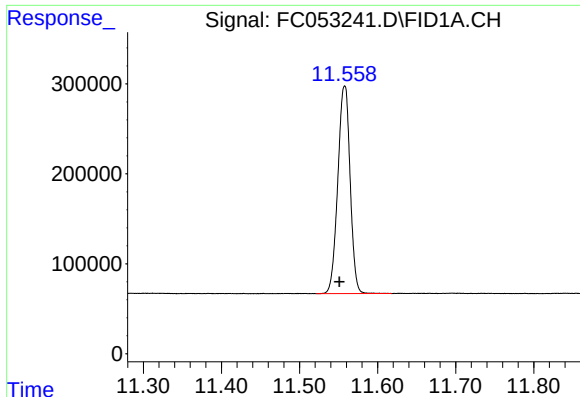
#7 n-Hexadecane (C16)

R.T.: 9.798 min  
Delta R.T.: 0.004 min  
Response: 2435922  
Conc: 19.05 ug/ml



#8 n-Octadecane (C18)

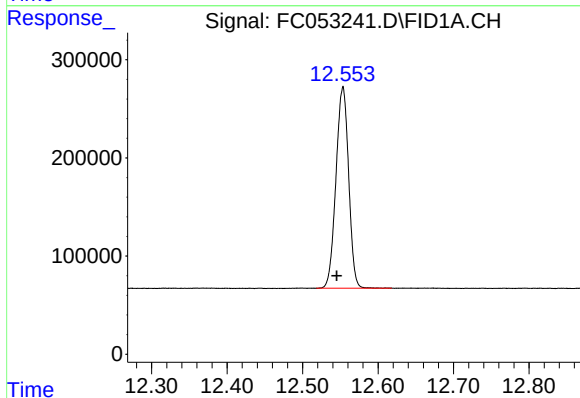
R.T.: 11.242 min  
Delta R.T.: 0.006 min  
Response: 2469242  
Conc: 18.26 ug/ml



#9 ortho-Terphenyl (SURR)

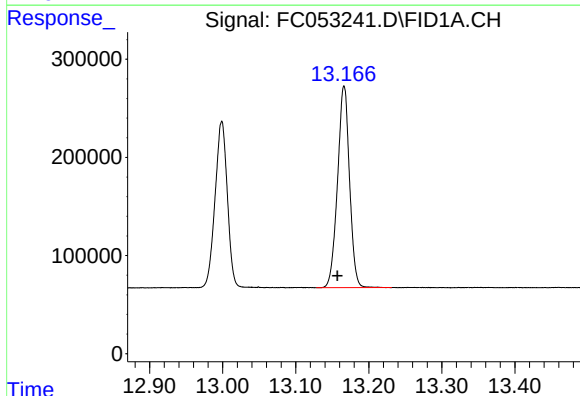
R.T.: 11.558 min  
Delta R.T.: 0.006 min  
Response: 2525204  
Conc: 17.48 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



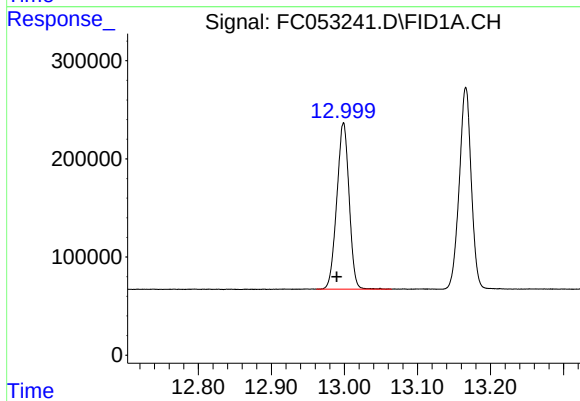
#10 n-Eicosane (C20)

R.T.: 12.553 min  
Delta R.T.: 0.008 min  
Response: 2393875  
Conc: 17.43 ug/ml



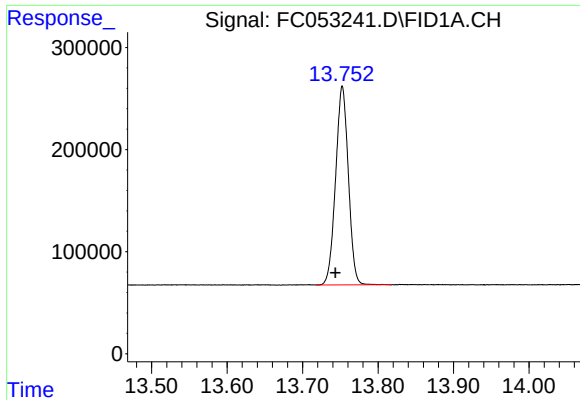
#11 n-Heneicosane (C21)

R.T.: 13.166 min  
Delta R.T.: 0.009 min  
Response: 2344057  
Conc: 17.06 ug/ml



#12 1-chlorooctadecane (SURR)

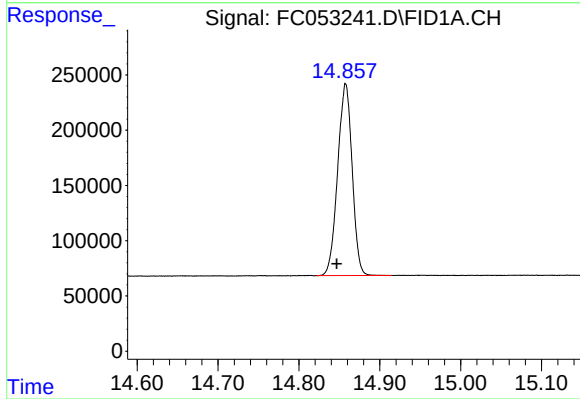
R.T.: 12.999 min  
Delta R.T.: 0.009 min  
Response: 1979010  
Conc: 17.13 ug/ml



#13 n-Docosane (C22)

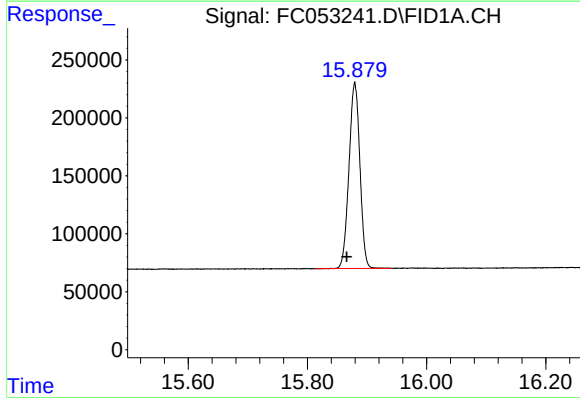
R.T.: 13.753 min  
Delta R.T.: 0.009 min  
Response: 2284679  
Conc: 16.57 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



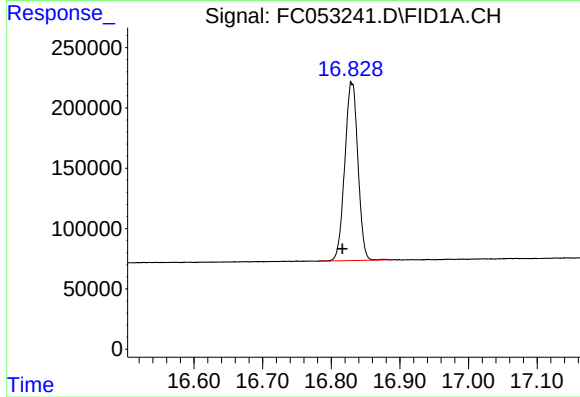
#14 n-Tetracosane (C24)

R.T.: 14.858 min  
Delta R.T.: 0.011 min  
Response: 2161228  
Conc: 15.67 ug/ml



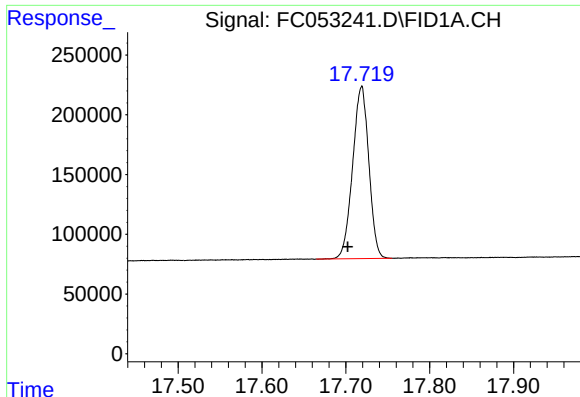
#15 n-Hexacosane (C26)

R.T.: 15.879 min  
Delta R.T.: 0.013 min  
Response: 2042576  
Conc: 15.06 ug/ml



#16 n-Octacosane (C28)

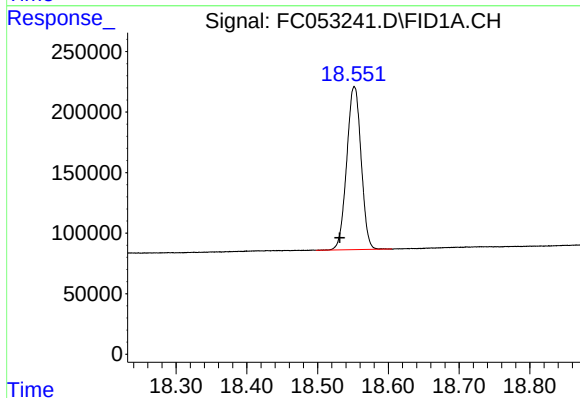
R.T.: 16.830 min  
Delta R.T.: 0.014 min  
Response: 1970577  
Conc: 14.78 ug/ml



#17 n-Tricontane (C30)

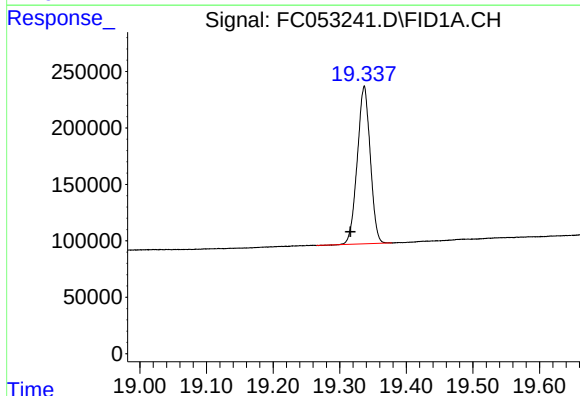
R.T.: 17.719 min  
Delta R.T.: 0.016 min  
Response: 1933164  
Conc: 15.06 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



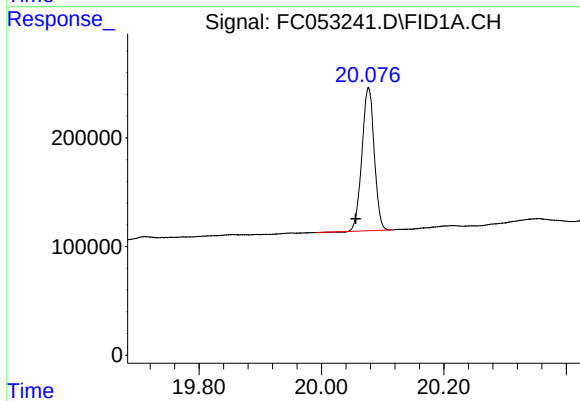
#18 n-Dotriacontane (C32)

R.T.: 18.552 min  
Delta R.T.: 0.020 min  
Response: 1899785  
Conc: 15.90 ug/ml



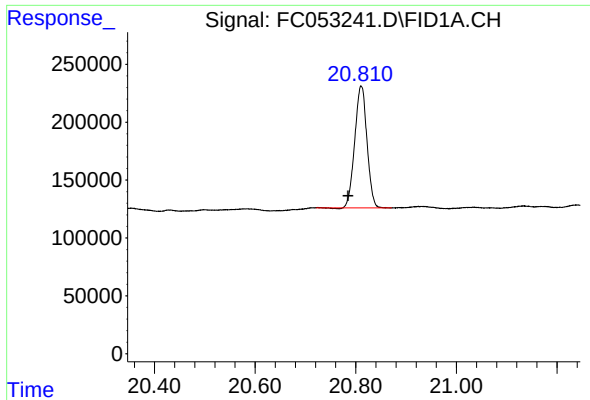
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min  
Delta R.T.: 0.020 min  
Response: 1882353  
Conc: 17.00 ug/ml



#20 n-Hexatriacontane (C36)

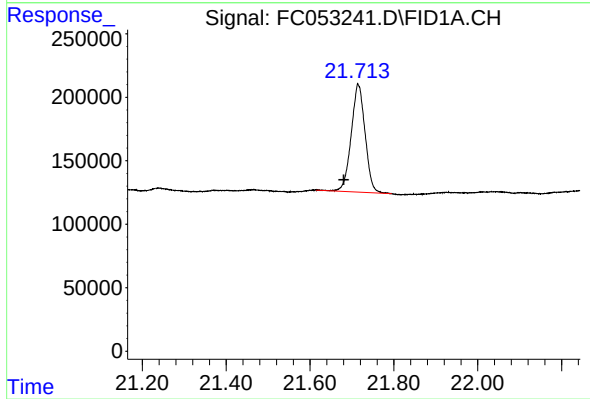
R.T.: 20.077 min  
Delta R.T.: 0.021 min  
Response: 1834581  
Conc: 18.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.811 min  
Delta R.T.: 0.026 min  
Response: 1771680  
Conc: 19.89 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.715 min  
Delta R.T.: 0.035 min  
Response: 1951485  
Conc: 24.38 ug/ml