

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070721AL\  
 Data File : FC054555.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Jul 2021 10:37  
 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: Jul 08 02:39:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 062521.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 26 02:10:35 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)    | 11.328 | 2555720    | 18.053 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.11%       |
| 12) S 1-chlorooctadecane (S... | 12.772 | 2011204    | 18.042 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.08%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.143  | 2122778    | 18.052 ug/ml |
| 2) T n-Decane (C10)            | 4.197  | 2157578    | 18.170 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.764  | 2334774    | 17.759 ug/ml |
| 4) T n-Dodecane (C12)          | 6.204  | 2192157    | 18.290 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.816  | 2366127    | 17.922 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.992  | 2253188    | 18.493 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.587  | 2297603    | 18.446 ug/ml |
| 8) T n-Octadecane (C18)        | 11.024 | 2369929    | 18.349 ug/ml |
| 10) T n-Eicosane (C20)         | 12.330 | 2366053    | 18.184 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.941 | 2400153    | 18.078 ug/ml |
| 13) T n-Docosane (C22)         | 13.526 | 2393765    | 18.069 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.626 | 2427992    | 17.936 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.644 | 2398089    | 17.697 ug/ml |
| 16) T n-Octacosane (C28)       | 16.593 | 2405406    | 17.525 ug/ml |
| 17) T n-Tricontane (C30)       | 17.479 | 2382434    | 17.201 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.310 | 2301360    | 16.821 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.093 | 2224403    | 16.463 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.831 | 2072740    | 16.792 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.535 | 1948122    | 17.222 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.353 | 1937908    | 17.145 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

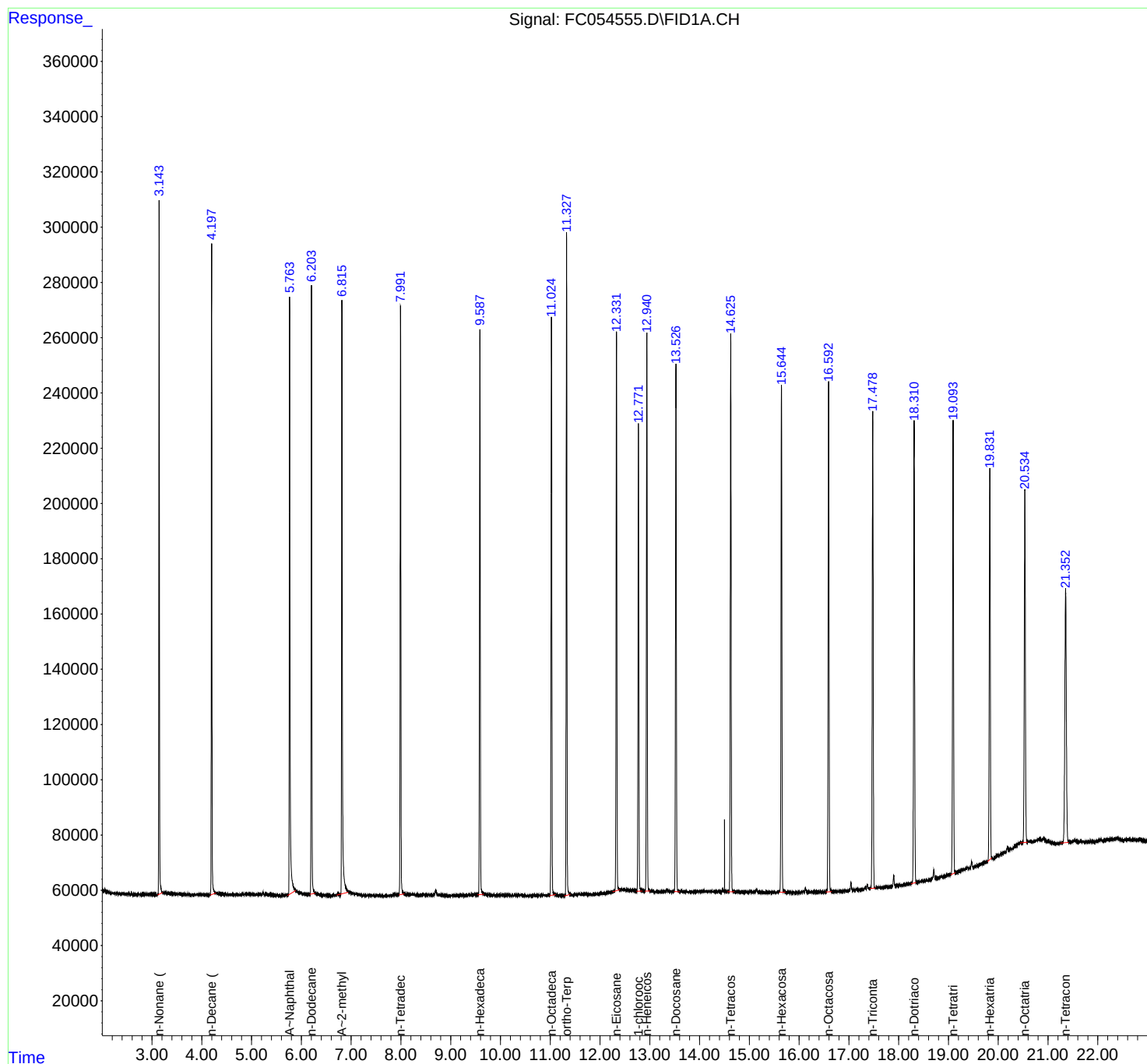
(m)=manual int.

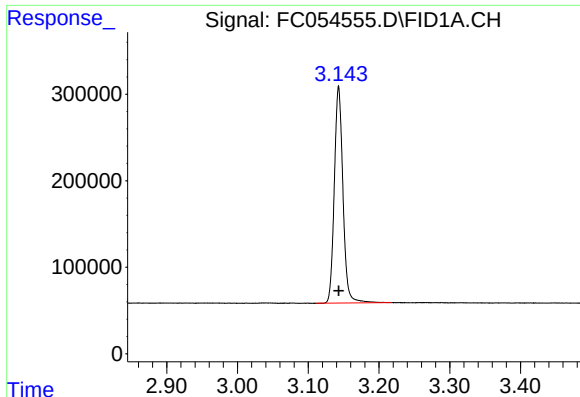
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070721AL\  
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Acq On : 07 Jul 2021 10:37  
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QLast Update : Sat Jun 26 02:10:35 2021  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

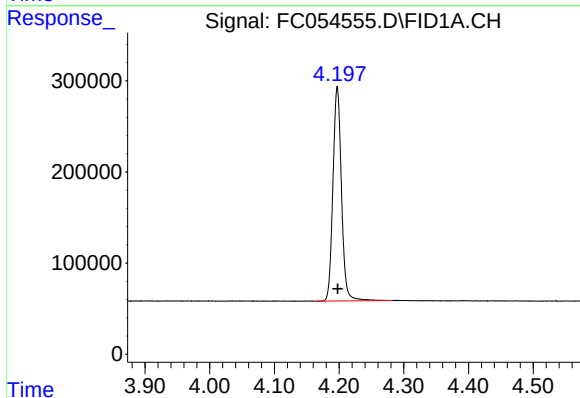




#1 n-Nonane (C9)

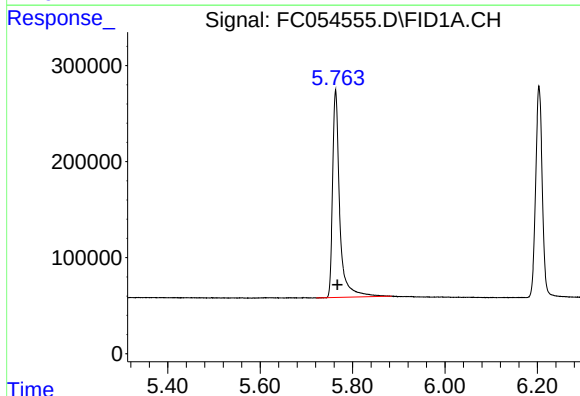
R.T.: 3.143 min  
Delta R.T.: 0.000 min  
Response: 2122778  
Conc: 18.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



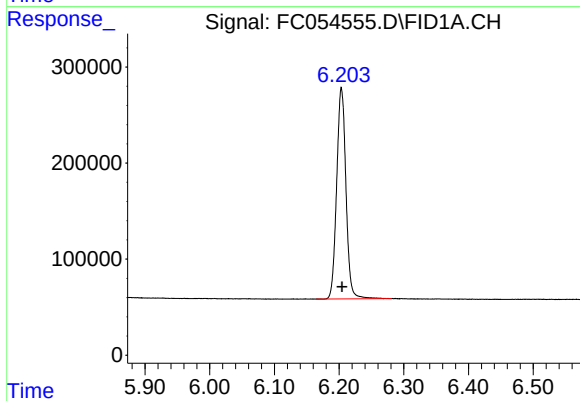
#2 n-Decane (C10)

R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 2157578  
Conc: 18.17 ug/ml



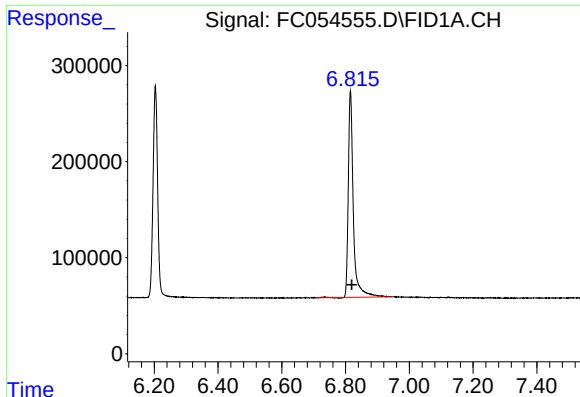
#3 A~Naphthalene (C11.7)

R.T.: 5.764 min  
Delta R.T.: -0.004 min  
Response: 2334774  
Conc: 17.76 ug/ml



#4 n-Dodecane (C12)

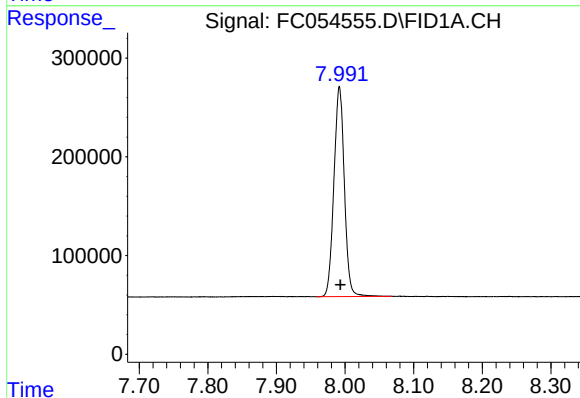
R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 2192157  
Conc: 18.29 ug/ml



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

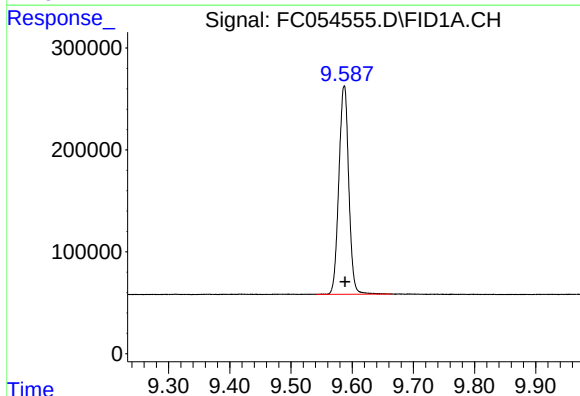
R.T.: 6.816 min  
Delta R.T.: -0.004 min  
Response: 2366127  
Conc: 17.92 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



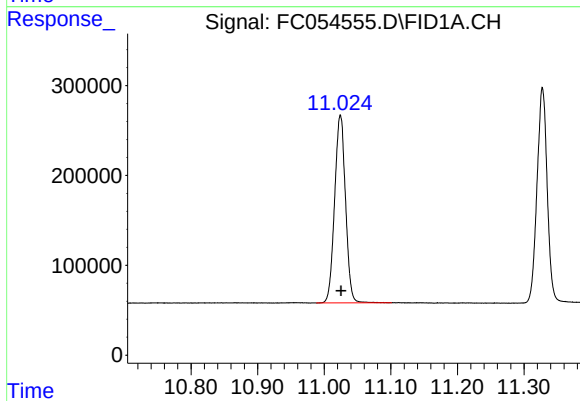
#6 n-Tetradecane (C14)

R.T.: 7.992 min  
Delta R.T.: -0.001 min  
Response: 2253188  
Conc: 18.49 ug/ml



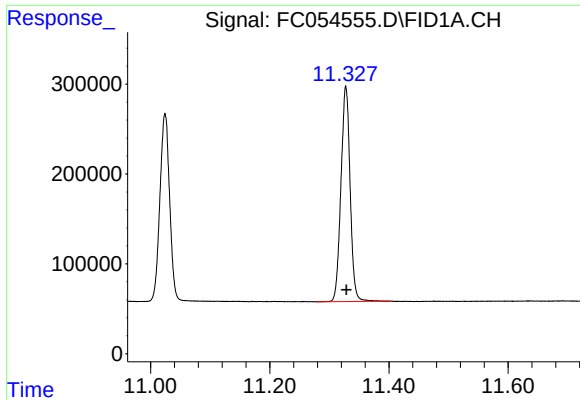
#7 n-Hexadecane (C16)

R.T.: 9.587 min  
Delta R.T.: -0.001 min  
Response: 2297603  
Conc: 18.45 ug/ml



#8 n-Octadecane (C18)

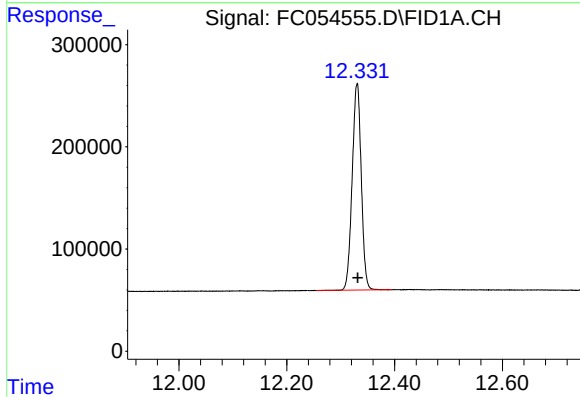
R.T.: 11.024 min  
Delta R.T.: -0.001 min  
Response: 2369929  
Conc: 18.35 ug/ml



#9 ortho-Terphenyl (SURR)

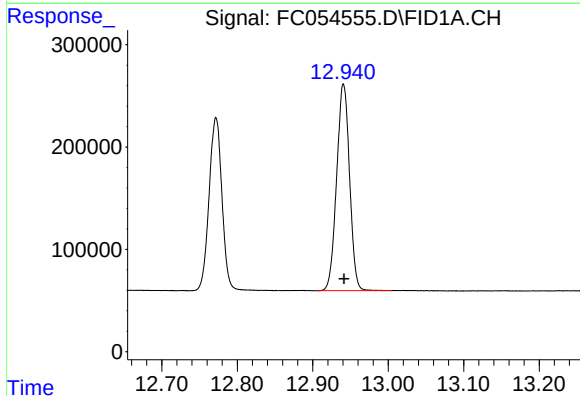
R.T.: 11.328 min  
Delta R.T.: -0.001 min  
Response: 2555720  
Conc: 18.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



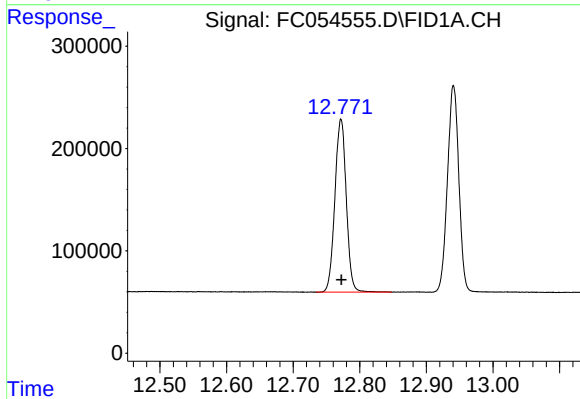
#10 n-Eicosane (C20)

R.T.: 12.330 min  
Delta R.T.: -0.001 min  
Response: 2366053  
Conc: 18.18 ug/ml



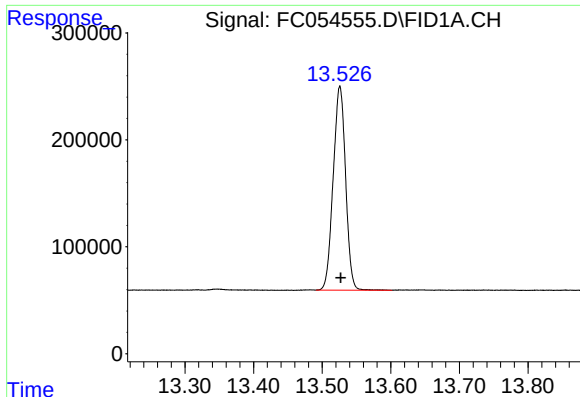
#11 n-Heneicosane (C21)

R.T.: 12.941 min  
Delta R.T.: 0.000 min  
Response: 2400153  
Conc: 18.08 ug/ml



#12 1-chlorooctadecane (SURR)

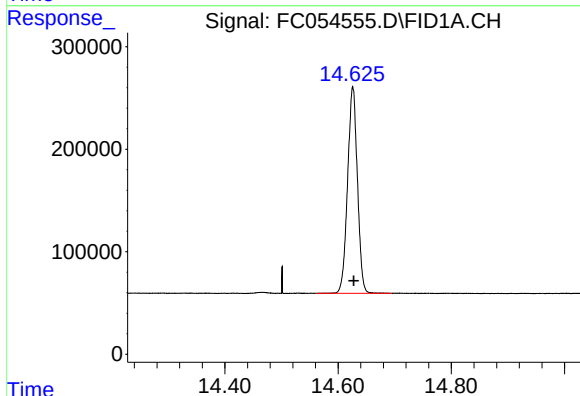
R.T.: 12.772 min  
Delta R.T.: -0.001 min  
Response: 2011204  
Conc: 18.04 ug/ml



#13 n-Docosane (C22)

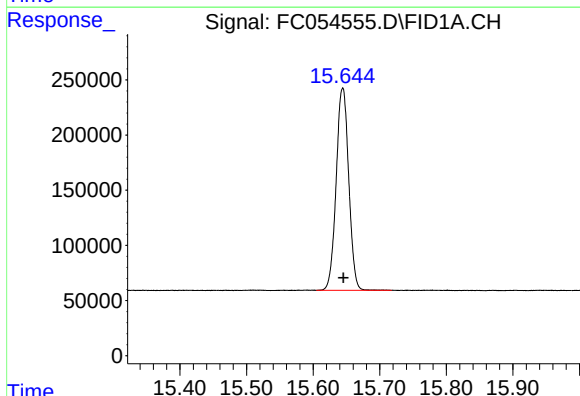
R.T.: 13.526 min  
Delta R.T.: -0.001 min  
Response: 2393765  
Conc: 18.07 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



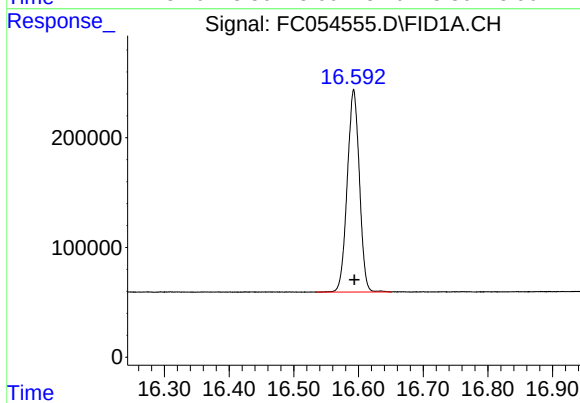
#14 n-Tetracosane (C24)

R.T.: 14.626 min  
Delta R.T.: -0.002 min  
Response: 2427992  
Conc: 17.94 ug/ml



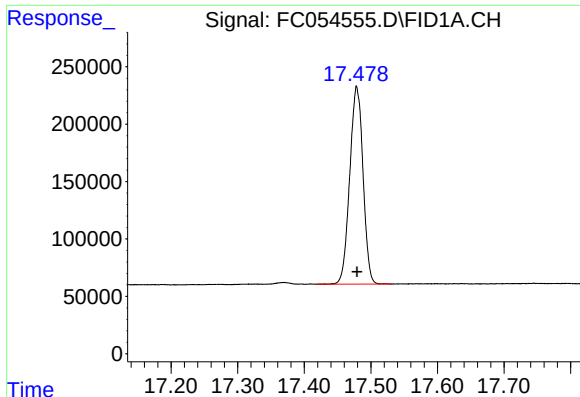
#15 n-Hexacosane (C26)

R.T.: 15.644 min  
Delta R.T.: -0.001 min  
Response: 2398089  
Conc: 17.70 ug/ml



#16 n-Octacosane (C28)

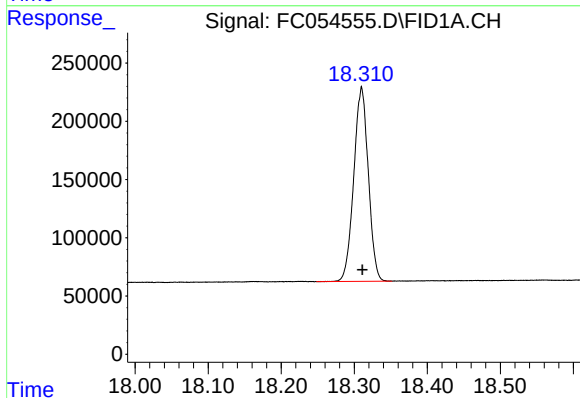
R.T.: 16.593 min  
Delta R.T.: -0.001 min  
Response: 2405406  
Conc: 17.52 ug/ml



#17 n-Tricontane (C30)

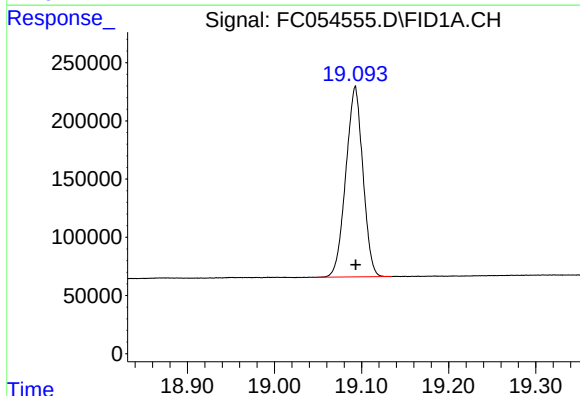
R.T.: 17.479 min  
Delta R.T.: 0.000 min  
Response: 2382434  
Conc: 17.20 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



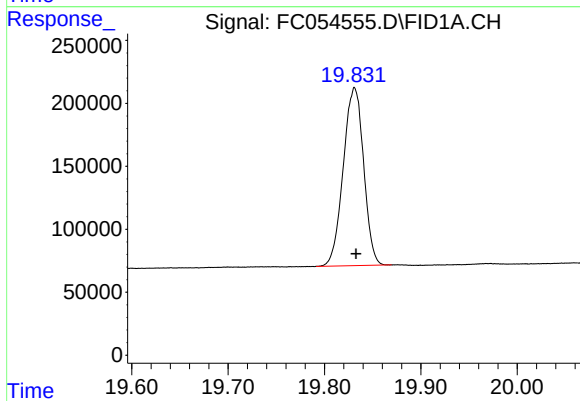
#18 n-Dotriacontane (C32)

R.T.: 18.310 min  
Delta R.T.: -0.001 min  
Response: 2301360  
Conc: 16.82 ug/ml



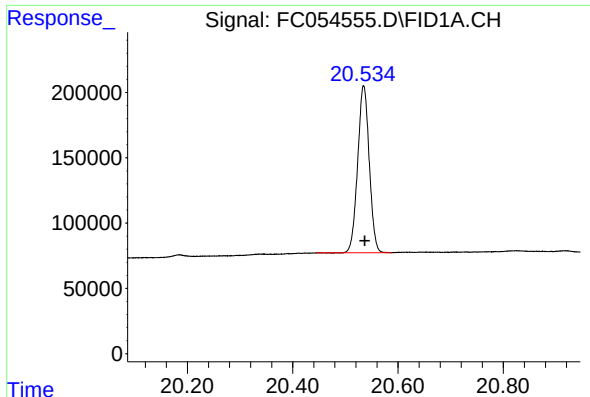
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min  
Delta R.T.: 0.000 min  
Response: 2224403  
Conc: 16.46 ug/ml



#20 n-Hexatriacontane (C36)

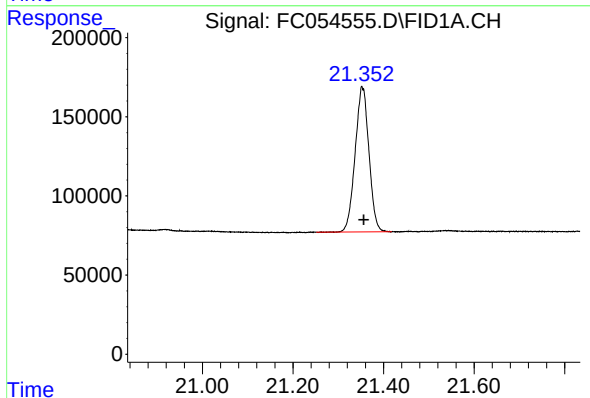
R.T.: 19.831 min  
Delta R.T.: -0.002 min  
Response: 2072740  
Conc: 16.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.535 min  
Delta R.T.: -0.002 min  
Response: 1948122  
Conc: 17.22 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.353 min  
Delta R.T.: -0.003 min  
Response: 1937908  
Conc: 17.15 ug/ml