

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041322AL\  
 Data File : FCCC05.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Apr 2022 17:45  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 15 02:30:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032522.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 25 23:18:46 2022  
 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)    | 11.101 | 2861171    | 19.858 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.72%       |
| 12) S 1-chlorooctadecane (S... | 12.548 | 2234966    | 19.938 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.964  | 2628013    | 21.445 ug/ml |
| 2) T n-Decane (C10)            | 4.005  | 2613897    | 21.330 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.554  | 2639549    | 21.023 ug/ml |
| 4) T n-Dodecane (C12)          | 6.003  | 2717166    | 21.273 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.601  | 2654498    | 20.706 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.785  | 2717433    | 20.900 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.376  | 2718367    | 20.471 ug/ml |
| 8) T n-Octadecane (C18)        | 10.809 | 2691028    | 20.240 ug/ml |
| 10) T n-Eicosane (C20)         | 12.111 | 2630086    | 20.073 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.719 | 2601600    | 19.939 ug/ml |
| 13) T n-Docosane (C22)         | 13.302 | 2625900    | 20.270 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.401 | 2650674    | 20.983 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.416 | 2617073    | 21.666 ug/ml |
| 16) T n-Octacosane (C28)       | 16.363 | 2692972    | 22.742 ug/ml |
| 17) T n-Tricontane (C30)       | 17.247 | 2704623    | 23.709 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.077 | 2600226    | 24.272 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.857 | 2385833    | 23.613 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.595 | 2165956    | 22.669 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.293 | 2044838    | 22.222 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.035 | 2056353    | 22.126 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

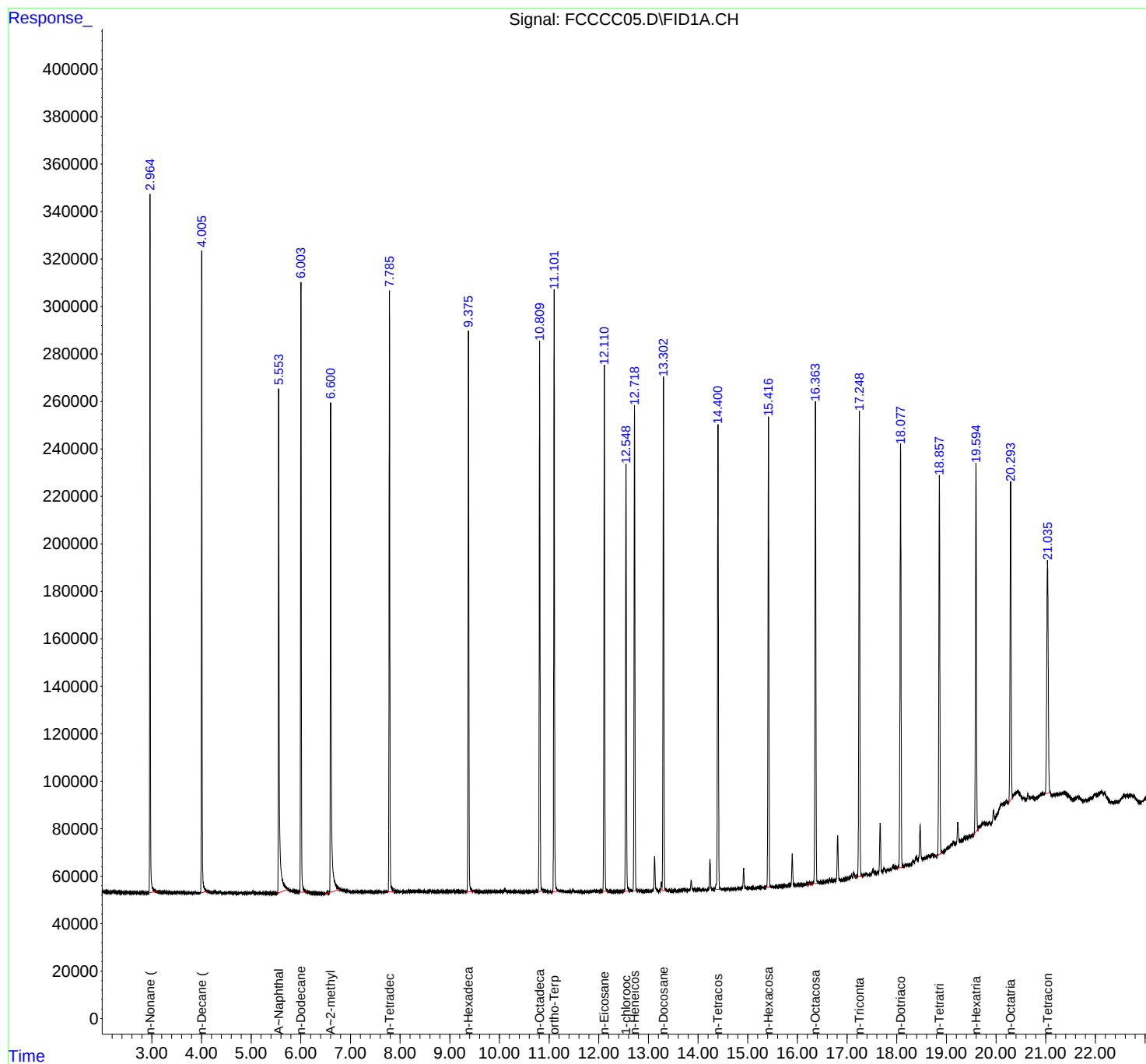
(m)=manual int.

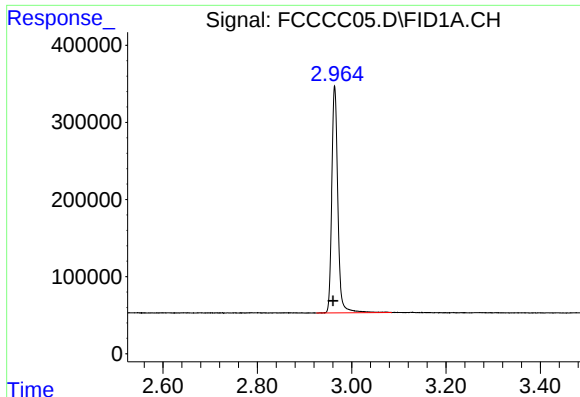
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041322AL\  
Data File : FCCC05.D  
Signal(s) : FID1A.CH  
Acq On : 14 Apr 2022 17:45  
Operator : UA/NP  
Sample : 20 PPM ALIPHATIC HC STD  
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ALS Vial : 53 Sample Multiplier: 1

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Integration File: autoint1.e  
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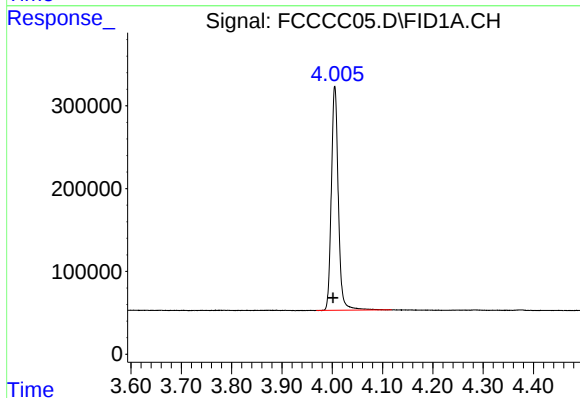




#1 n-Nonane (C9)

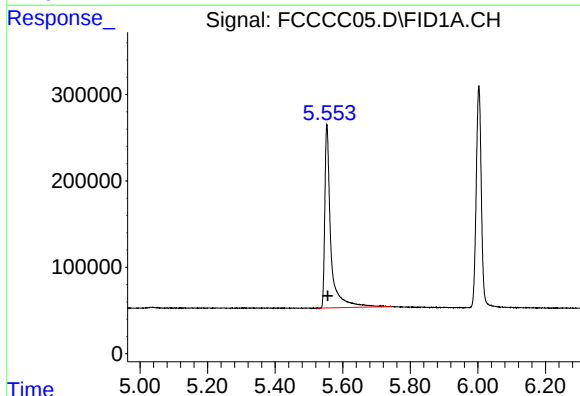
R.T.: 2.964 min  
Delta R.T.: 0.003 min  
Response: 2628013  
Conc: 21.45 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



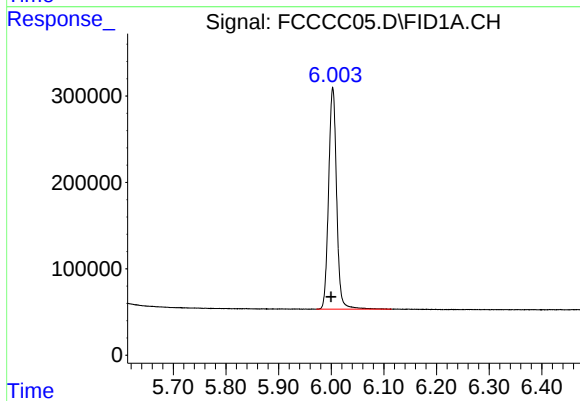
#2 n-Decane (C10)

R.T.: 4.005 min  
Delta R.T.: 0.003 min  
Response: 2613897  
Conc: 21.33 ug/ml



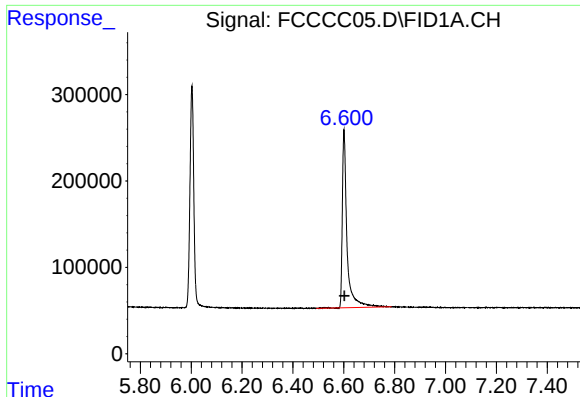
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min  
Delta R.T.: -0.002 min  
Response: 2639549  
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

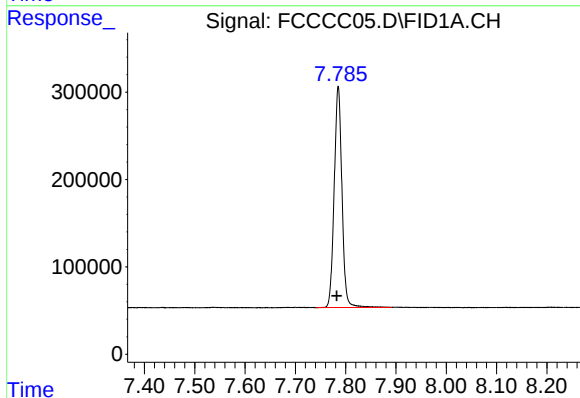
R.T.: 6.003 min  
Delta R.T.: 0.003 min  
Response: 2717166  
Conc: 21.27 ug/ml



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

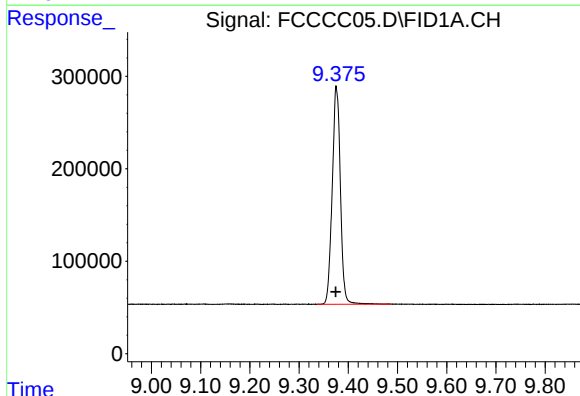
R.T.: 6.601 min  
Delta R.T.: -0.002 min  
Response: 2654498  
Conc: 20.71 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



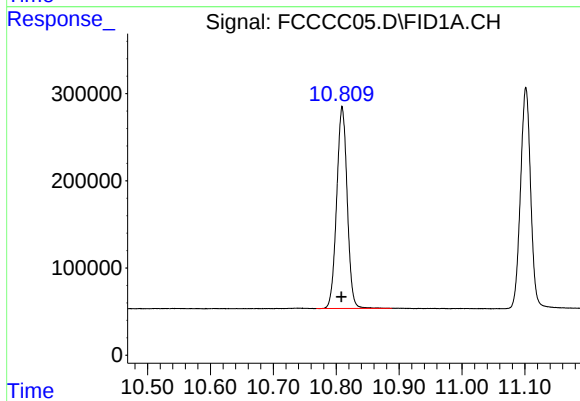
#6 n-Tetradecane (C14)

R.T.: 7.785 min  
Delta R.T.: 0.003 min  
Response: 2717433  
Conc: 20.90 ug/ml



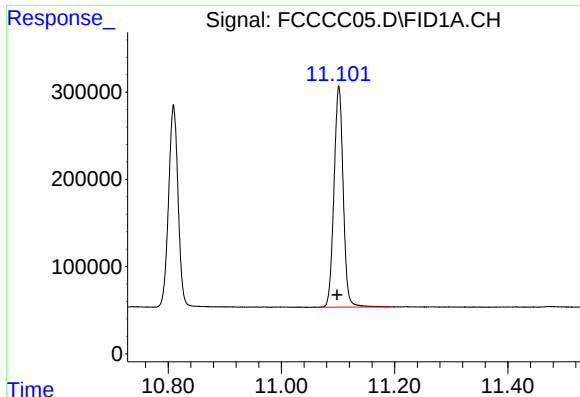
#7 n-Hexadecane (C16)

R.T.: 9.376 min  
Delta R.T.: 0.002 min  
Response: 2718367  
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

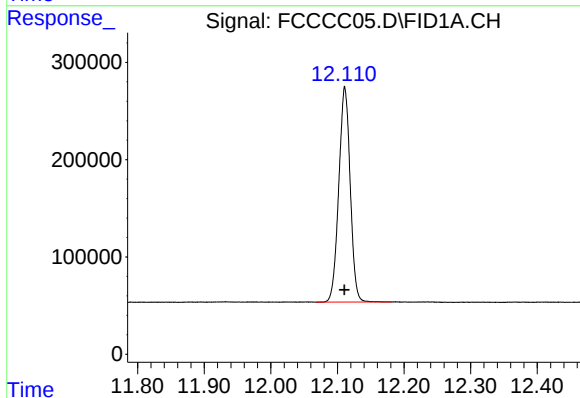
R.T.: 10.809 min  
Delta R.T.: 0.000 min  
Response: 2691028  
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

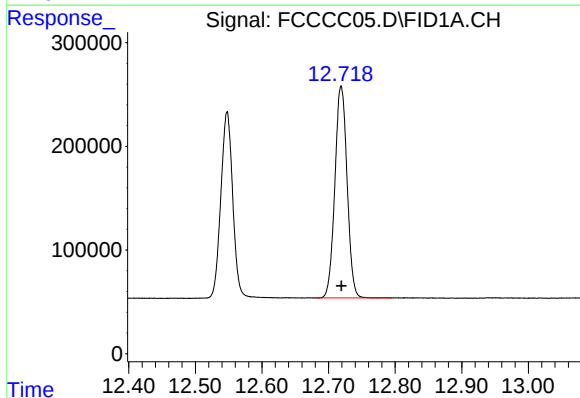
R.T.: 11.101 min  
Delta R.T.: 0.003 min  
Response: 2861171  
Conc: 19.86 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



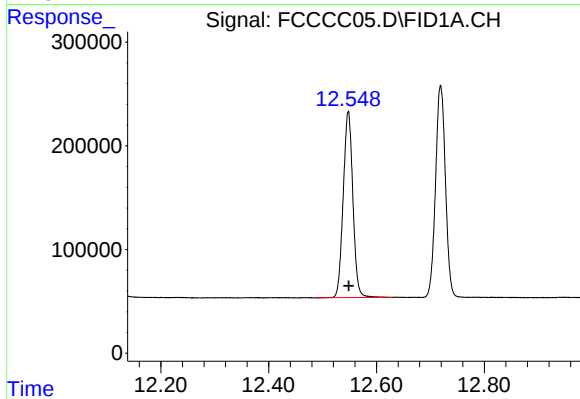
#10 n-Eicosane (C20)

R.T.: 12.111 min  
Delta R.T.: 0.000 min  
Response: 2630086  
Conc: 20.07 ug/ml



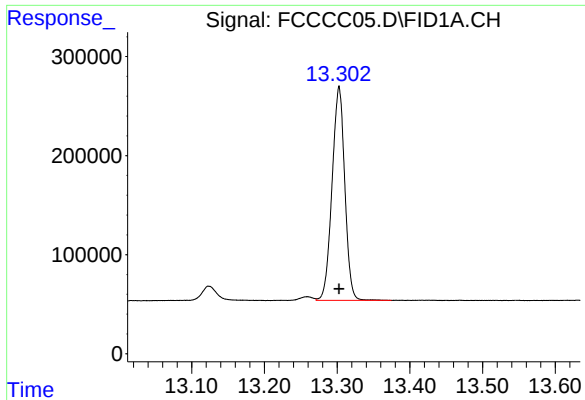
#11 n-Heneicosane (C21)

R.T.: 12.719 min  
Delta R.T.: 0.000 min  
Response: 2601600  
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

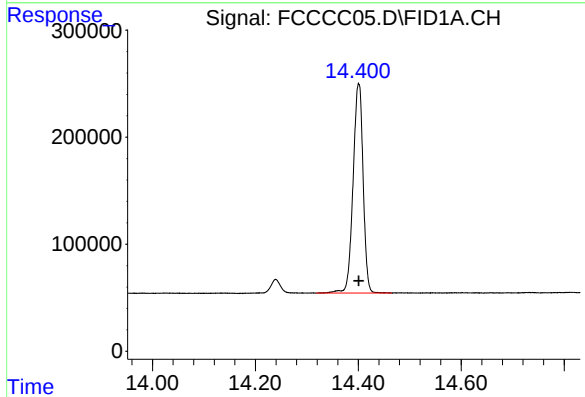
R.T.: 12.548 min  
Delta R.T.: 0.000 min  
Response: 2234966  
Conc: 19.94 ug/ml



#13 n-Docosane (C22)

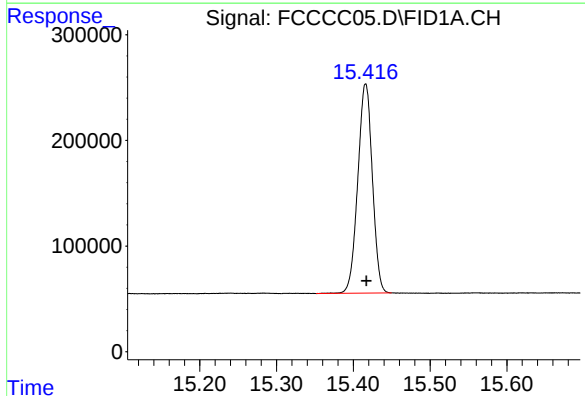
R.T.: 13.302 min  
Delta R.T.: 0.000 min  
Response: 2625900  
Conc: 20.27 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



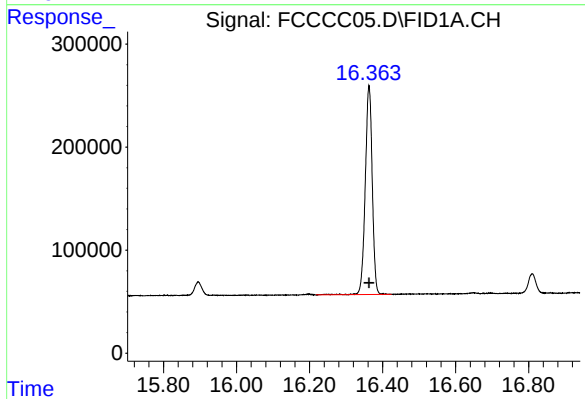
#14 n-Tetracosane (C24)

R.T.: 14.401 min  
Delta R.T.: 0.000 min  
Response: 2650674  
Conc: 20.98 ug/ml



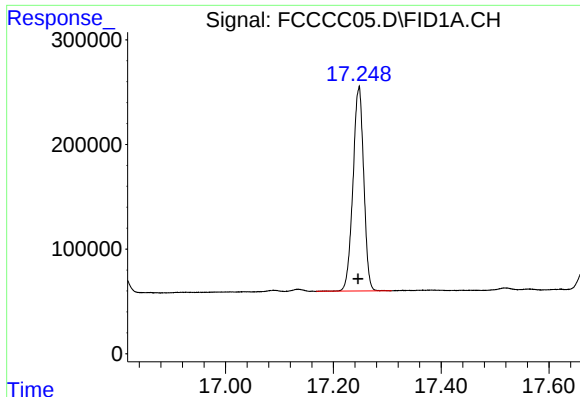
#15 n-Hexacosane (C26)

R.T.: 15.416 min  
Delta R.T.: -0.001 min  
Response: 2617073  
Conc: 21.67 ug/ml



#16 n-Octacosane (C28)

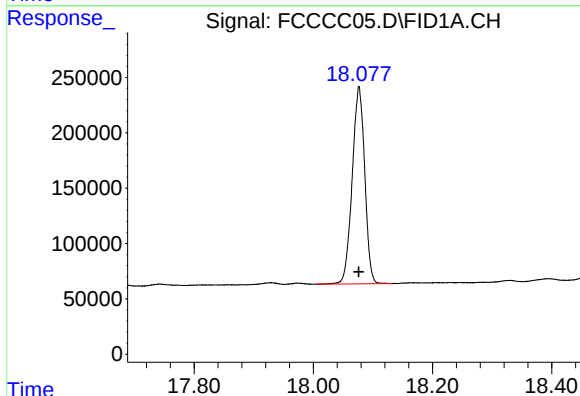
R.T.: 16.363 min  
Delta R.T.: 0.000 min  
Response: 2692972  
Conc: 22.74 ug/ml



#17 n-Tricontane (C30)

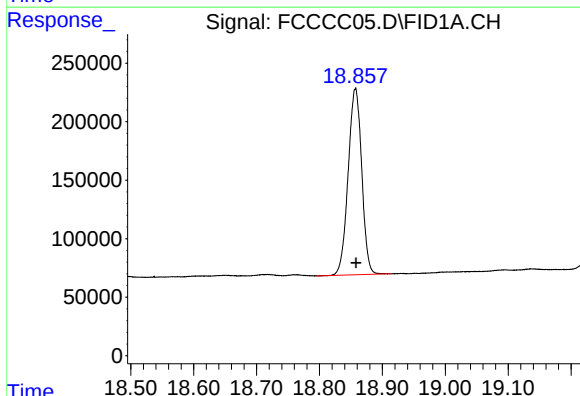
R.T.: 17.247 min  
Delta R.T.: 0.001 min  
Response: 2704623  
Conc: 23.71 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



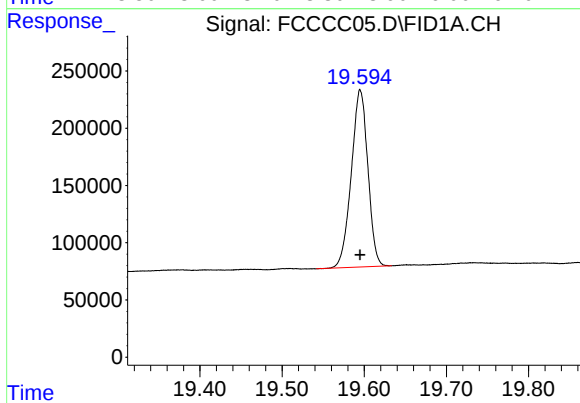
#18 n-Dotriacontane (C32)

R.T.: 18.077 min  
Delta R.T.: 0.000 min  
Response: 2600226  
Conc: 24.27 ug/ml



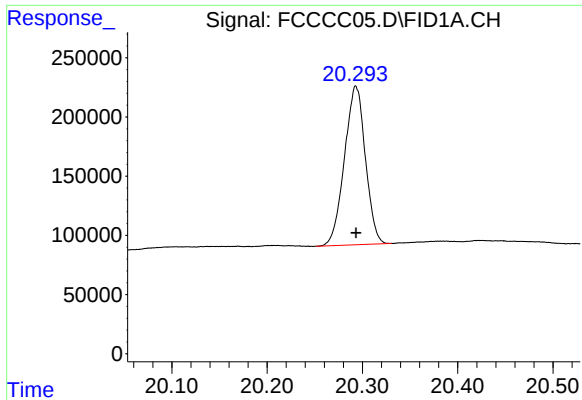
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min  
Delta R.T.: 0.000 min  
Response: 2385833  
Conc: 23.61 ug/ml



#20 n-Hexatriacontane (C36)

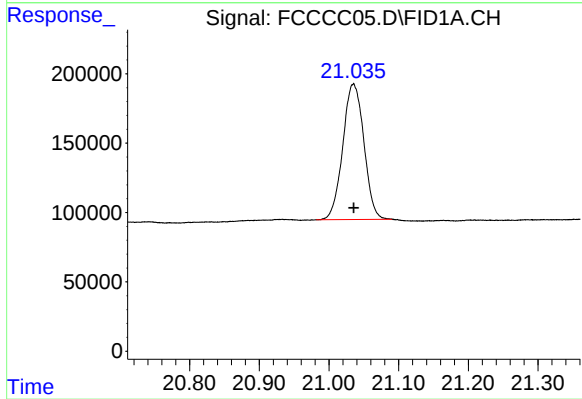
R.T.: 19.595 min  
Delta R.T.: 0.000 min  
Response: 2165956  
Conc: 22.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.293 min  
Delta R.T.: 0.000 min  
Response: 2044838  
Conc: 22.22 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.035 min  
Delta R.T.: 0.000 min  
Response: 2056353  
Conc: 22.13 ug/ml