

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060622AL\  
 Data File : FCCC01.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Jun 2022 1:01  
 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: Jun 07 02:43:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 28 08:22:04 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)    | 10.647 | 3313065    | 21.289 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.58%       |
| 12) S 1-chlorooctadecane (S... | 12.016 | 2650093    | 21.374 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.75%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.625  | 2767220    | 21.621 ug/ml |
| 2) T n-Decane (C10)            | 3.624  | 2785689    | 21.775 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.163  | 3157786    | 21.847 ug/ml |
| 4) T n-Dodecane (C12)          | 5.578  | 2920050    | 21.905 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.187  | 3174735    | 21.631 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.329  | 2960106    | 21.683 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.893  | 3039846    | 21.666 ug/ml |
| 8) T n-Octadecane (C18)        | 10.301 | 3100610    | 21.666 ug/ml |
| 10) T n-Eicosane (C20)         | 11.581 | 3094472    | 21.690 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.179 | 3068850    | 21.410 ug/ml |
| 13) T n-Docosane (C22)         | 12.752 | 3025000    | 21.228 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.829 | 3244464    | 23.120 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.827 | 3246293    | 23.973 ug/ml |
| 16) T n-Octacosane (C28)       | 15.755 | 3273754    | 25.137 ug/ml |
| 17) T n-Tricontane (C30)       | 16.622 | 3129885    | 25.566 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.435 | 2765016    | 24.799 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.199 | 2417773    | 23.705 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 18.921 | 2059669    | 21.750 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.605 | 1582043    | 17.147 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.252 | 2113629    | 22.465 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

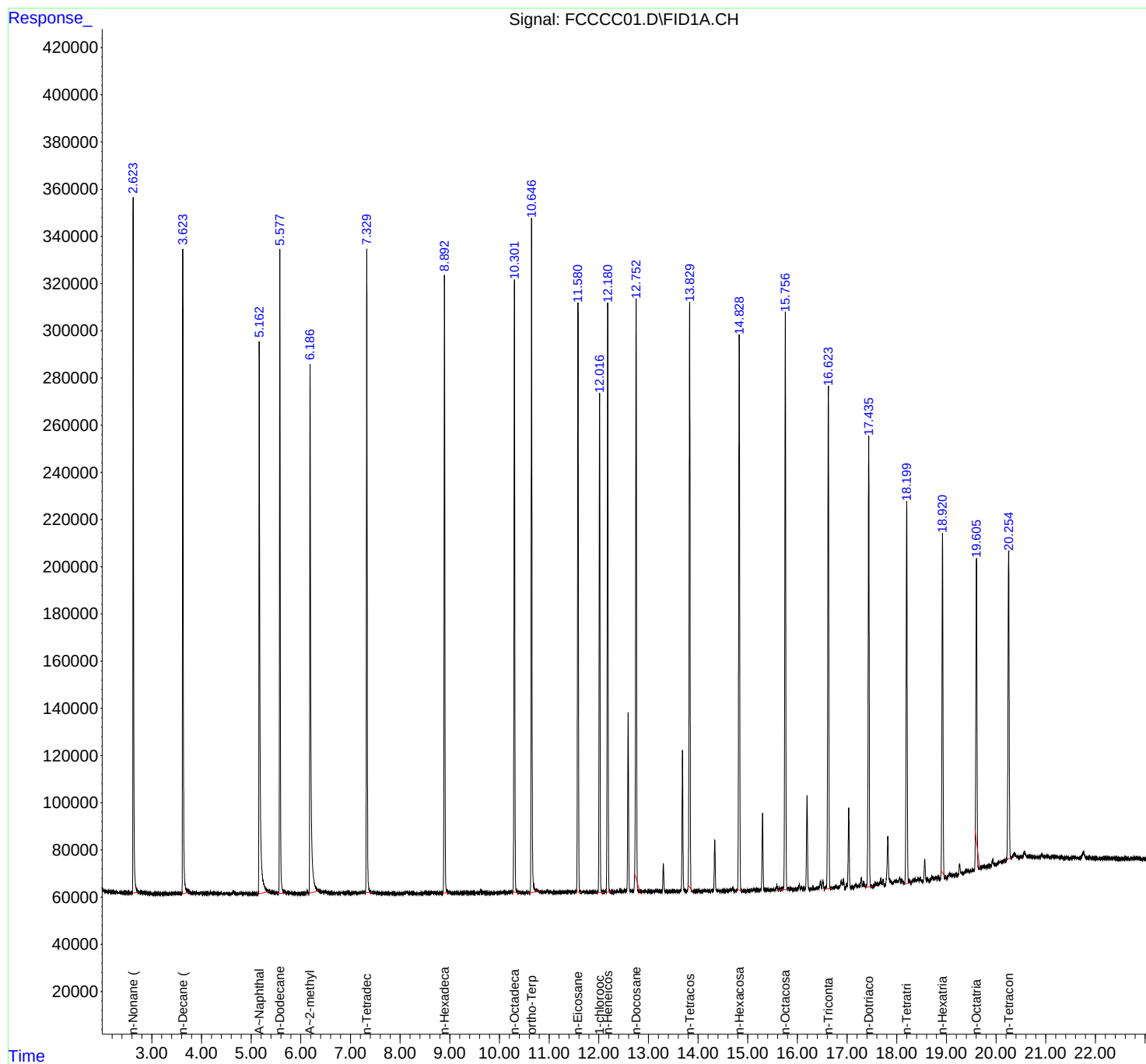
(m)=manual int.

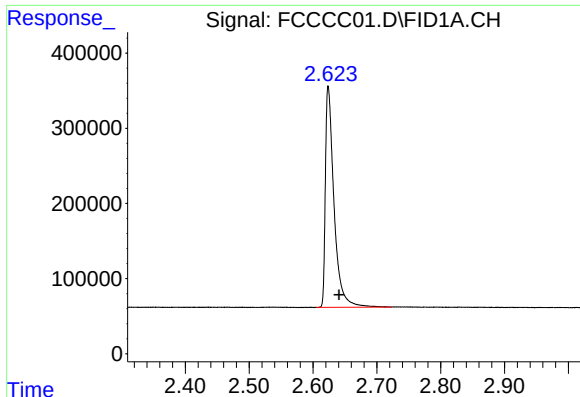
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060622AL\  
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Signal(s) : FID1A.CH  
Acq On : 07 Jun 2022 1:01  
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Sample : 20 PPM ALIPHATIC HC STD  
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Integration File: autoint1.e  
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QLast Update : Sat May 28 08:22:04 2022  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

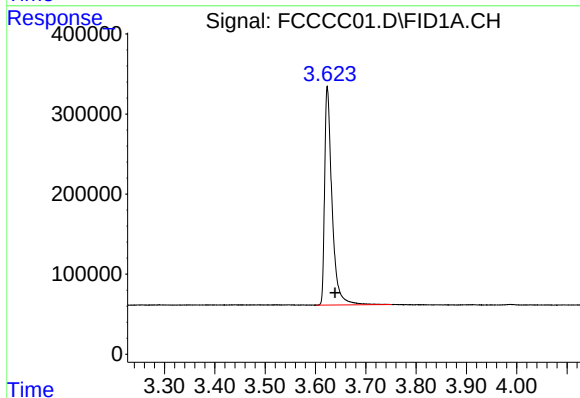




#1 n-Nonane (C9)

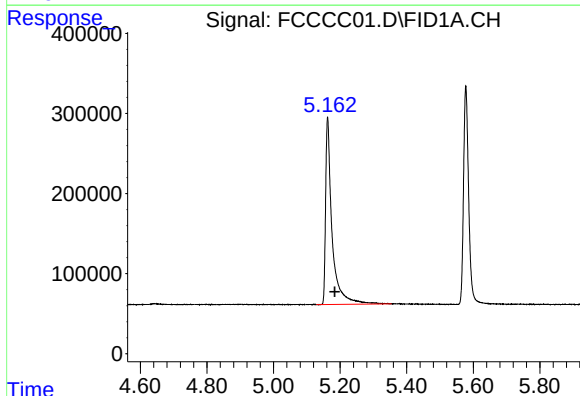
R.T.: 2.625 min  
Delta R.T.: -0.016 min  
Response: 2767220  
Conc: 21.62 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



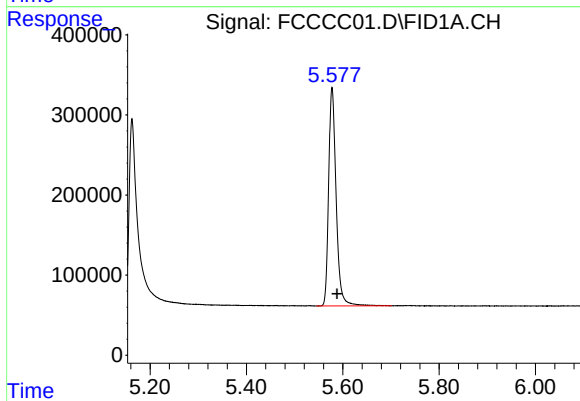
#2 n-Decane (C10)

R.T.: 3.624 min  
Delta R.T.: -0.014 min  
Response: 2785689  
Conc: 21.77 ug/ml



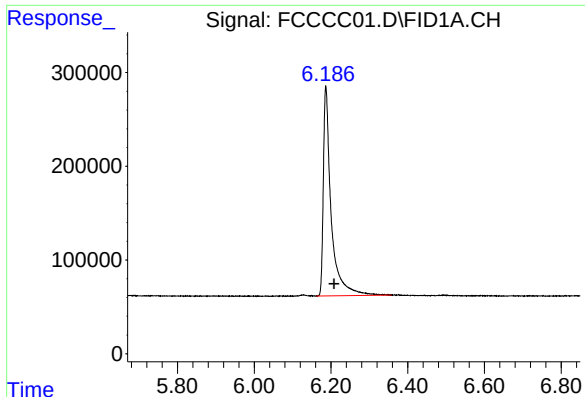
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min  
Delta R.T.: -0.021 min  
Response: 3157786  
Conc: 21.85 ug/ml



#4 n-Dodecane (C12)

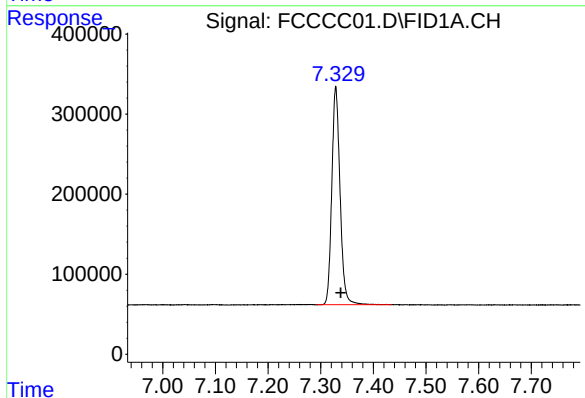
R.T.: 5.578 min  
Delta R.T.: -0.010 min  
Response: 2920050  
Conc: 21.90 ug/ml



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

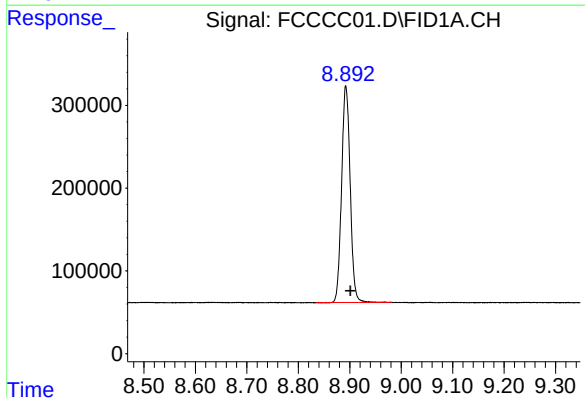
R.T.: 6.187 min  
Delta R.T.: -0.021 min  
Response: 3174735  
Conc: 21.63 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



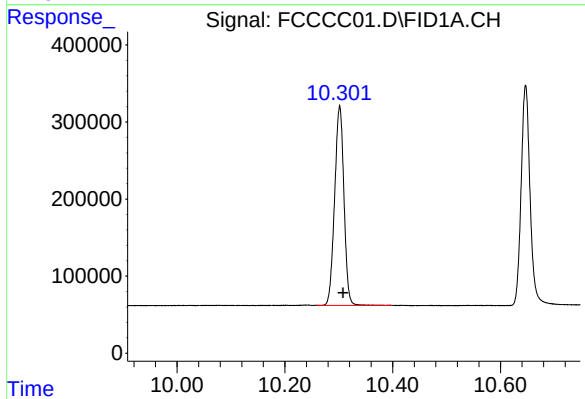
#6 n-Tetradecane (C14)

R.T.: 7.329 min  
Delta R.T.: -0.009 min  
Response: 2960106  
Conc: 21.68 ug/ml



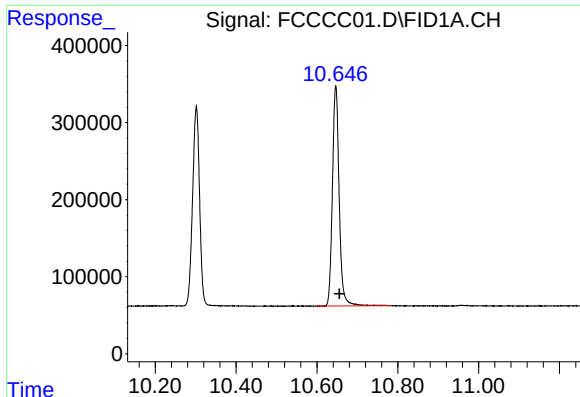
#7 n-Hexadecane (C16)

R.T.: 8.893 min  
Delta R.T.: -0.008 min  
Response: 3039846  
Conc: 21.67 ug/ml



#8 n-Octadecane (C18)

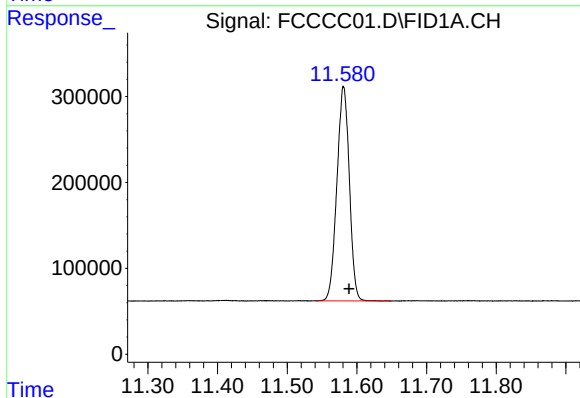
R.T.: 10.301 min  
Delta R.T.: -0.007 min  
Response: 3100610  
Conc: 21.67 ug/ml



#9 ortho-Terphenyl (SURR)

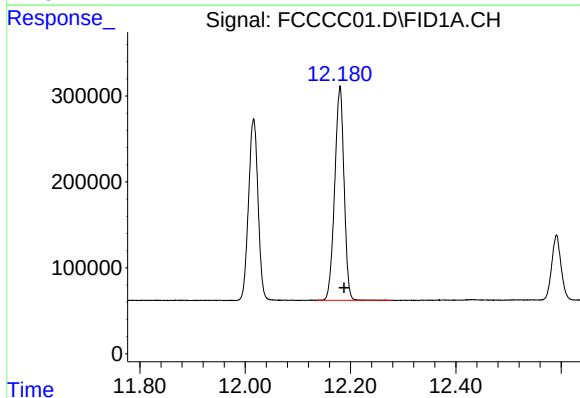
R.T.: 10.647 min  
Delta R.T.: -0.009 min  
Response: 3313065  
Conc: 21.29 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



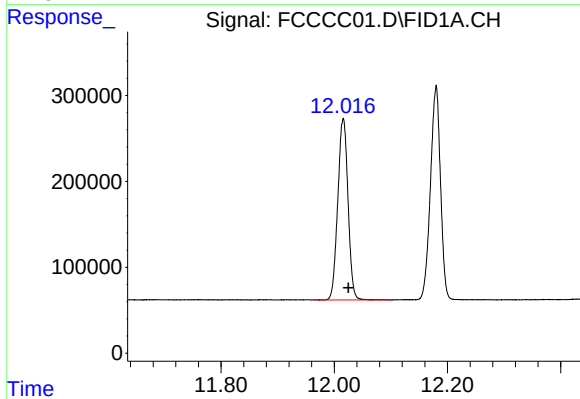
#10 n-Eicosane (C20)

R.T.: 11.581 min  
Delta R.T.: -0.008 min  
Response: 3094472  
Conc: 21.69 ug/ml



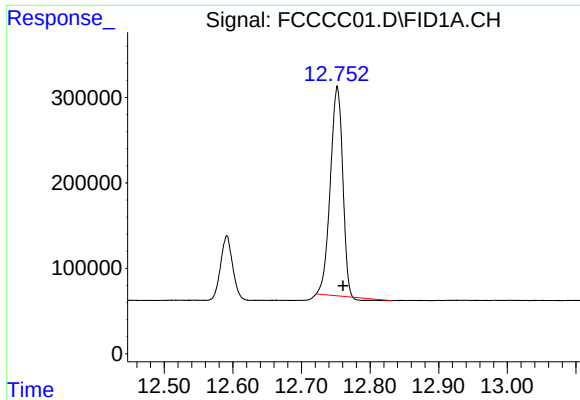
#11 n-Heneicosane (C21)

R.T.: 12.179 min  
Delta R.T.: -0.008 min  
Response: 3068850  
Conc: 21.41 ug/ml



#12 1-chlorooctadecane (SURR)

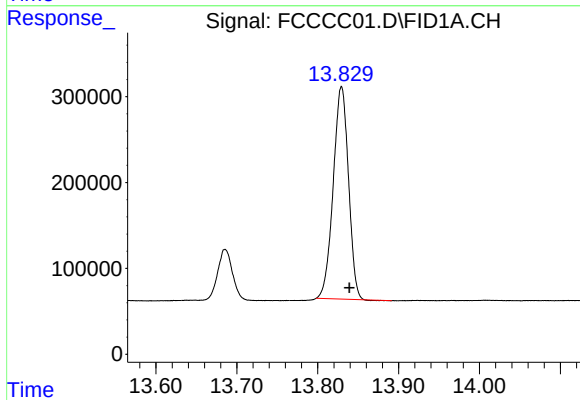
R.T.: 12.016 min  
Delta R.T.: -0.009 min  
Response: 2650093  
Conc: 21.37 ug/ml



#13 n-Docosane (C22)

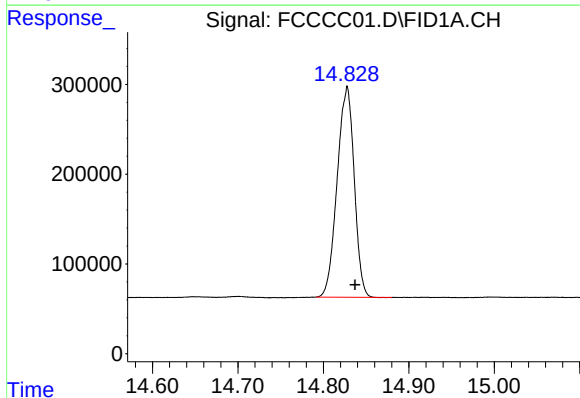
R.T.: 12.752 min  
Delta R.T.: -0.009 min  
Response: 3025000  
Conc: 21.23 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



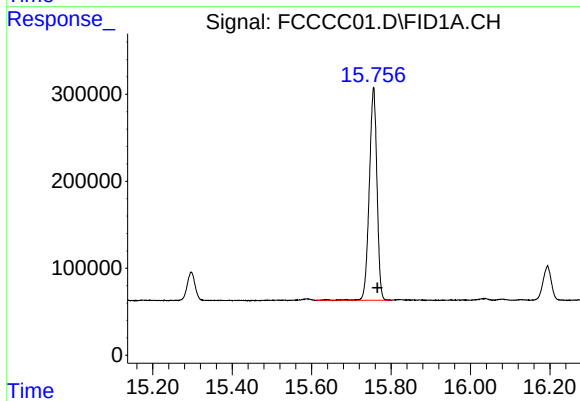
#14 n-Tetracosane (C24)

R.T.: 13.829 min  
Delta R.T.: -0.010 min  
Response: 3244464  
Conc: 23.12 ug/ml



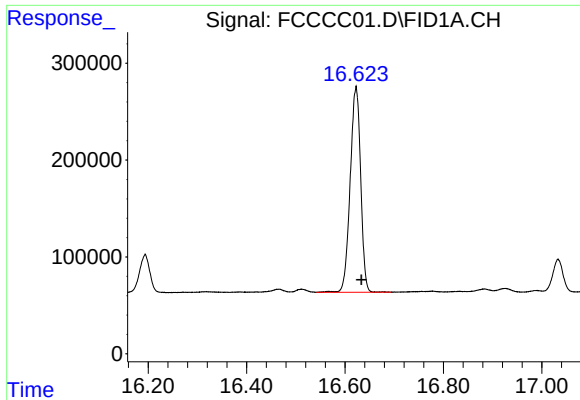
#15 n-Hexacosane (C26)

R.T.: 14.827 min  
Delta R.T.: -0.010 min  
Response: 3246293  
Conc: 23.97 ug/ml



#16 n-Octacosane (C28)

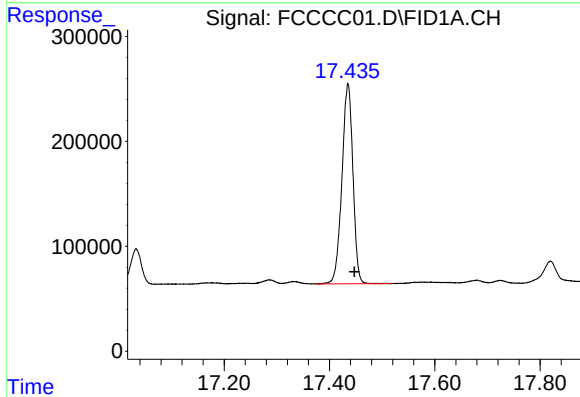
R.T.: 15.755 min  
Delta R.T.: -0.010 min  
Response: 3273754  
Conc: 25.14 ug/ml



#17 n-Tricontane (C30)

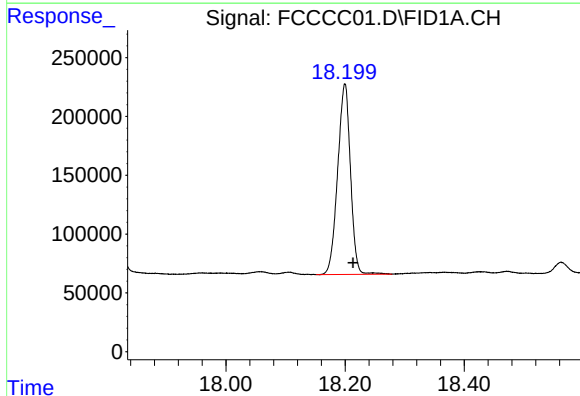
R.T.: 16.622 min  
Delta R.T.: -0.011 min  
Response: 3129885  
Conc: 25.57 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



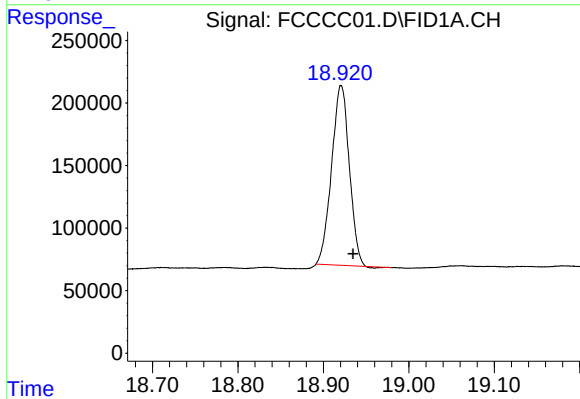
#18 n-Dotriacontane (C32)

R.T.: 17.435 min  
Delta R.T.: -0.013 min  
Response: 2765016  
Conc: 24.80 ug/ml



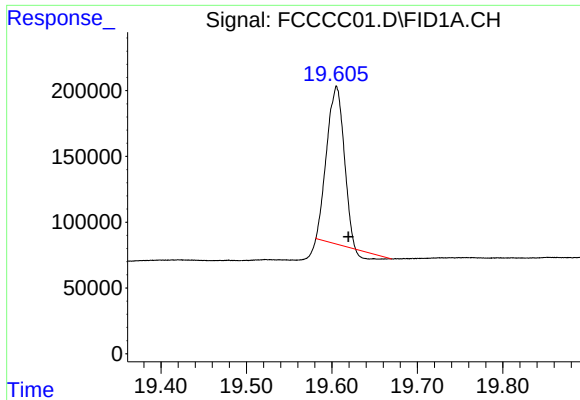
#19 n-Tetratriacontane (C34)

R.T.: 18.199 min  
Delta R.T.: -0.014 min  
Response: 2417773  
Conc: 23.70 ug/ml



#20 n-Hexatriacontane (C36)

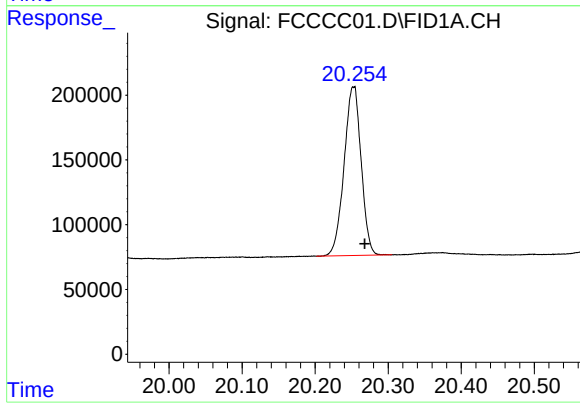
R.T.: 18.921 min  
Delta R.T.: -0.014 min  
Response: 2059669  
Conc: 21.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.605 min  
Delta R.T.: -0.015 min  
Response: 1582043  
Conc: 17.15 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.252 min  
Delta R.T.: -0.016 min  
Response: 2113629  
Conc: 22.46 ug/ml