

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072922AL\  
 Data File : FCCC01.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Jul 2022 16:49  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 29 23:02:19 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 25 19:40:54 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 10.632 | 3216467    | 19.600 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.20%       |
| 12) S 1-chlorooctadecane (S... | 11.997 | 2569066    | 19.352 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.70%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.619  | 3050098    | 21.657 ug/ml |
| 2) T n-Decane (C10)            | 3.616  | 3095609    | 21.944 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.159  | 3191949    | 22.455 ug/ml |
| 4) T n-Dodecane (C12)          | 5.565  | 3206358    | 21.633 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.183  | 3126583    | 22.797 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.315  | 3207268    | 21.363 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.877  | 3219285    | 21.036 ug/ml |
| 8) T n-Octadecane (C18)        | 10.284 | 3196435    | 20.470 ug/ml |
| 10) T n-Eicosane (C20)         | 11.561 | 3124511    | 19.910 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.158 | 3051654    | 19.503 ug/ml |
| 13) T n-Docosane (C22)         | 12.731 | 3102837    | 19.901 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.807 | 2997286    | 19.633 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.804 | 2900376    | 19.430 ug/ml |
| 16) T n-Octacosane (C28)       | 15.731 | 2858453    | 19.948 ug/ml |
| 17) T n-Tricontane (C30)       | 16.597 | 2919685    | 20.855 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.410 | 2929834    | 21.709 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.173 | 2743995    | 21.879 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 18.894 | 2683080    | 21.950 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.576 | 2661004    | 22.546 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.223 | 2429050    | 21.105 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

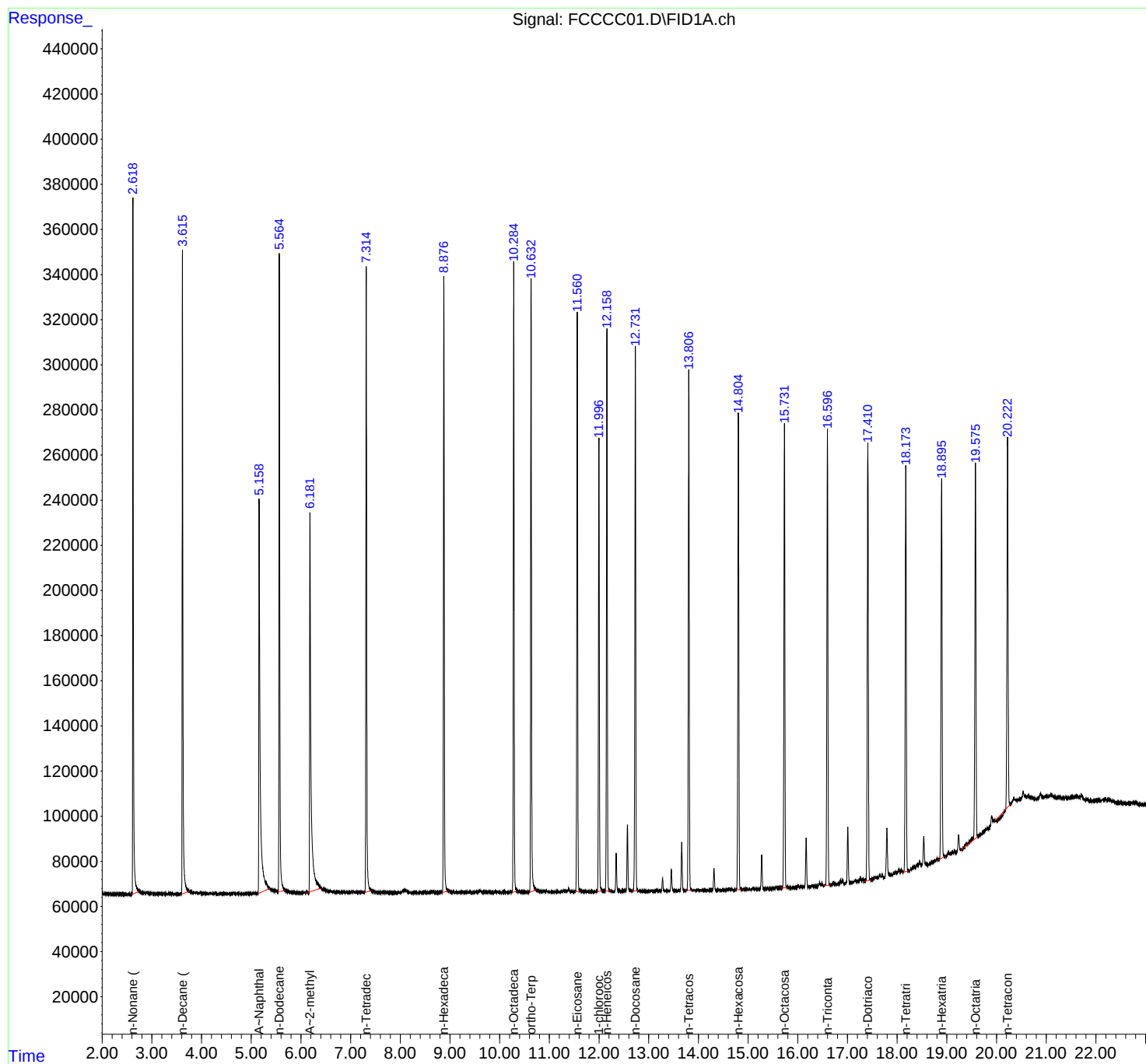
(m)=manual int.

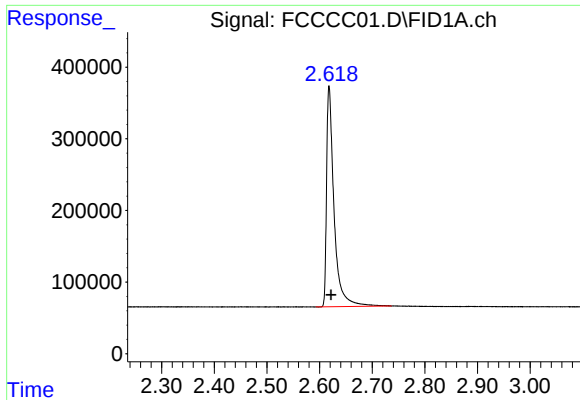
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072922AL\  
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Signal(s) : FID1A.ch  
Acq On : 29 Jul 2022 16:49  
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Sample : 20 PPM ALIPHATIC HC STD  
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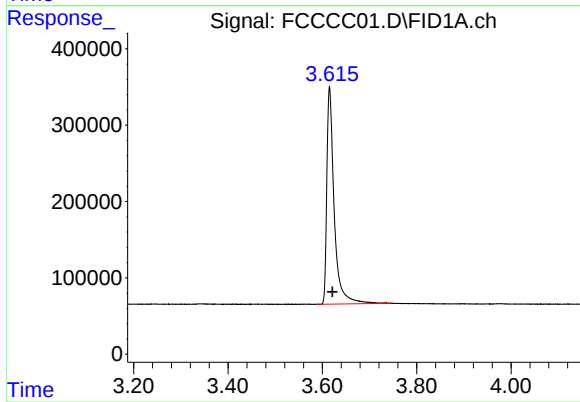




#1 n-Nonane (C9)

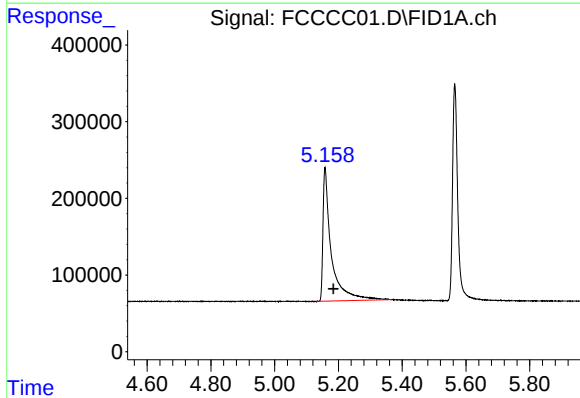
R.T.: 2.619 min  
Delta R.T.: -0.003 min  
Response: 3050098  
Conc: 21.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



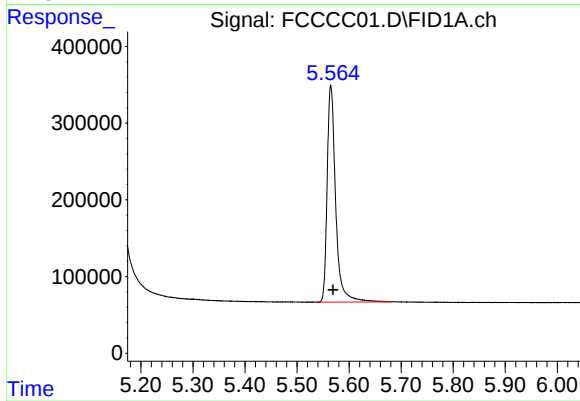
#2 n-Decane (C10)

R.T.: 3.616 min  
Delta R.T.: -0.006 min  
Response: 3095609  
Conc: 21.94 ug/ml



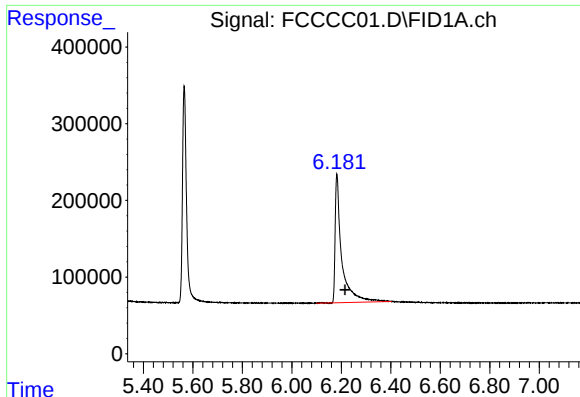
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min  
Delta R.T.: -0.026 min  
Response: 3191949  
Conc: 22.46 ug/ml



#4 n-Dodecane (C12)

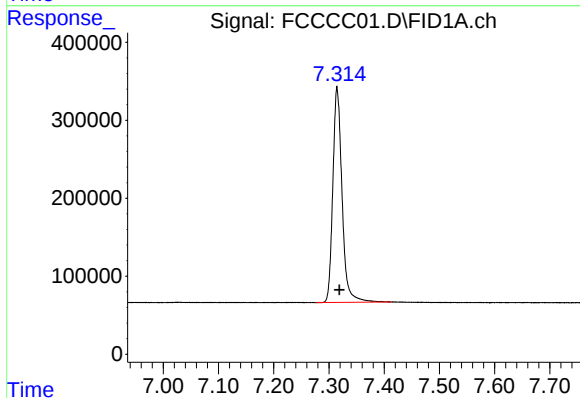
R.T.: 5.565 min  
Delta R.T.: -0.004 min  
Response: 3206358  
Conc: 21.63 ug/ml



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

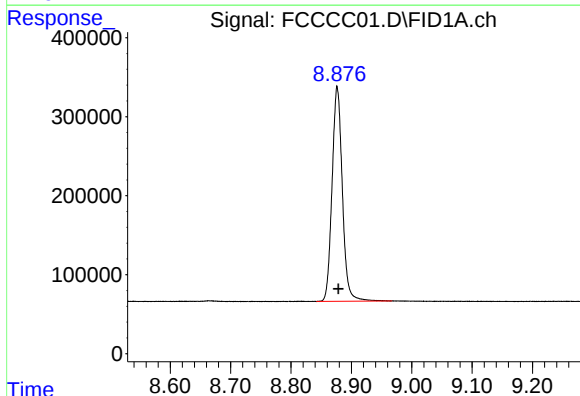
R.T.: 6.183 min  
Delta R.T.: -0.032 min  
Response: 3126583  
Conc: 22.80 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



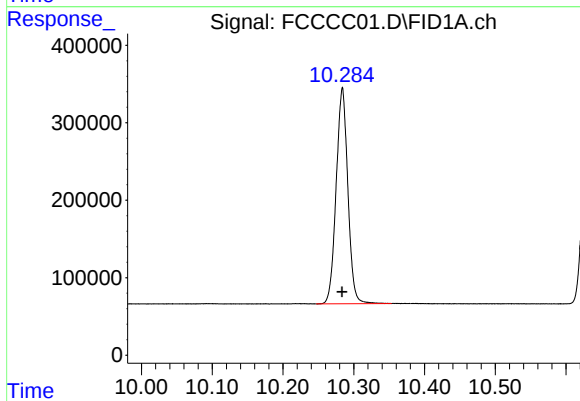
#6 n-Tetradecane (C14)

R.T.: 7.315 min  
Delta R.T.: -0.004 min  
Response: 3207268  
Conc: 21.36 ug/ml



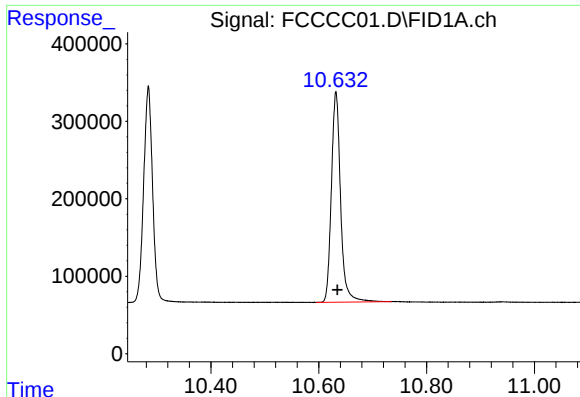
#7 n-Hexadecane (C16)

R.T.: 8.877 min  
Delta R.T.: -0.002 min  
Response: 3219285  
Conc: 21.04 ug/ml



#8 n-Octadecane (C18)

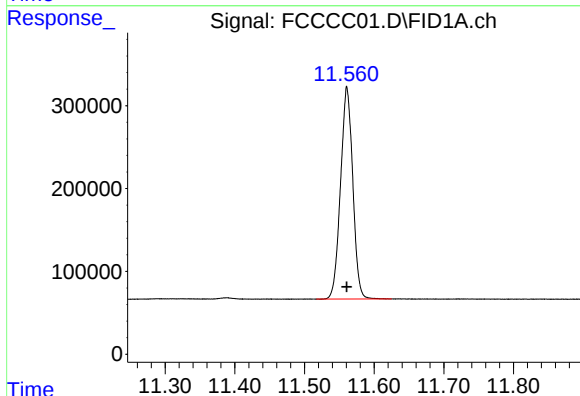
R.T.: 10.284 min  
Delta R.T.: 0.000 min  
Response: 3196435  
Conc: 20.47 ug/ml



#9 ortho-Terphenyl (SURR)

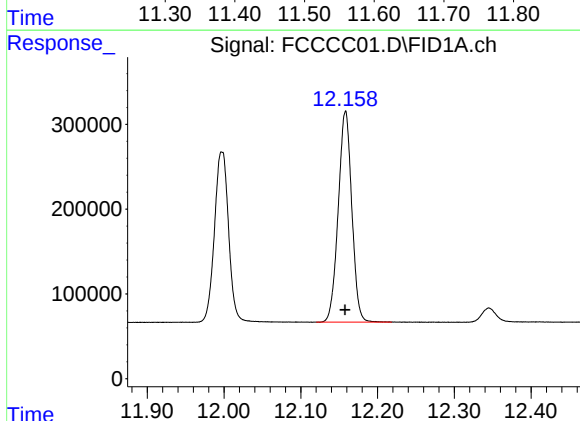
R.T.: 10.632 min  
Delta R.T.: -0.003 min  
Response: 3216467  
Conc: 19.60 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



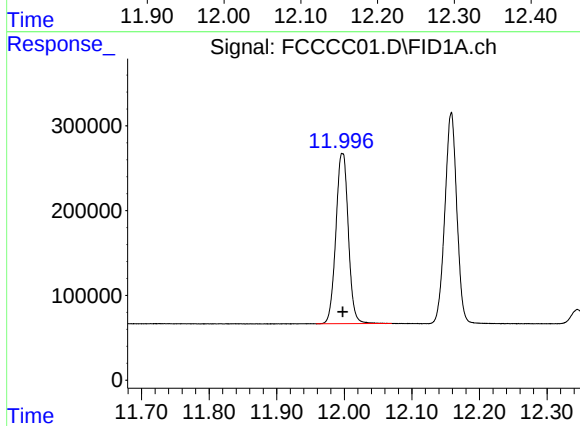
#10 n-Eicosane (C20)

R.T.: 11.561 min  
Delta R.T.: 0.000 min  
Response: 3124511  
Conc: 19.91 ug/ml



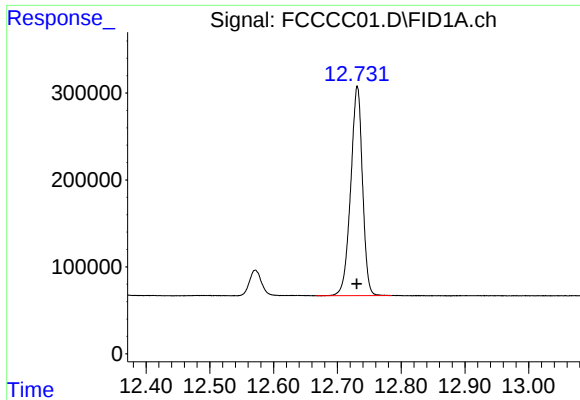
#11 n-Heneicosane (C21)

R.T.: 12.158 min  
Delta R.T.: 0.000 min  
Response: 3051654  
Conc: 19.50 ug/ml



#12 1-chlorooctadecane (SURR)

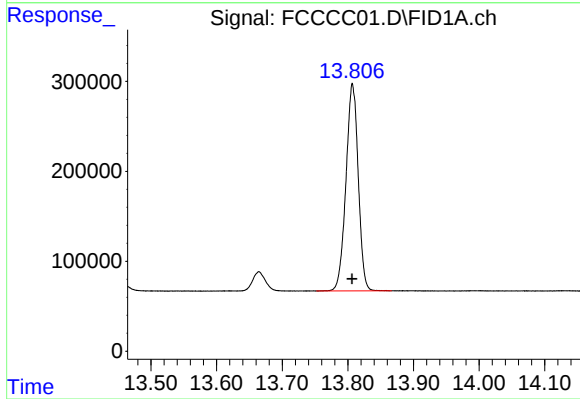
R.T.: 11.997 min  
Delta R.T.: 0.000 min  
Response: 2569066  
Conc: 19.35 ug/ml



#13 n-Docosane (C22)

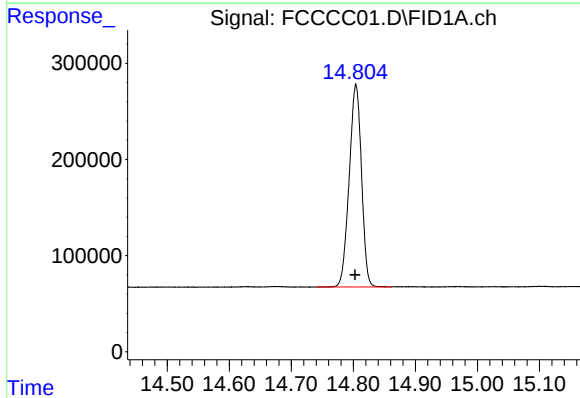
R.T.: 12.731 min  
Delta R.T.: 0.001 min  
Response: 3102837  
Conc: 19.90 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



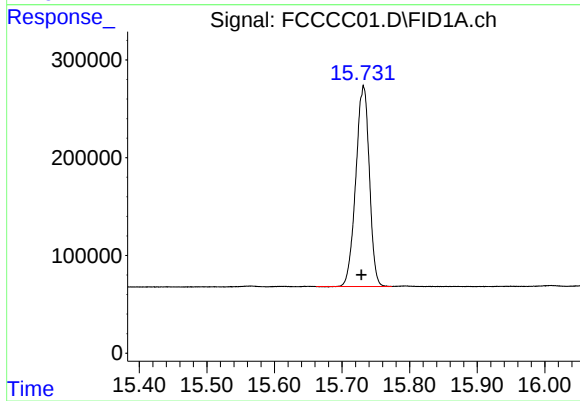
#14 n-Tetracosane (C24)

R.T.: 13.807 min  
Delta R.T.: 0.000 min  
Response: 2997286  
Conc: 19.63 ug/ml



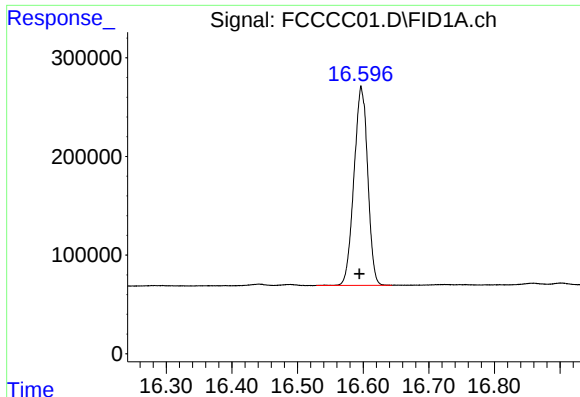
#15 n-Hexacosane (C26)

R.T.: 14.804 min  
Delta R.T.: 0.001 min  
Response: 2900376  
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

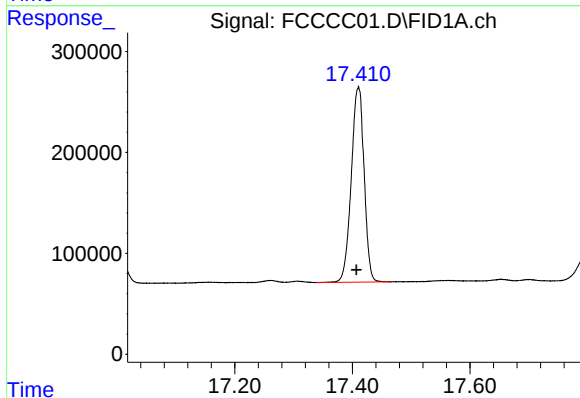
R.T.: 15.731 min  
Delta R.T.: 0.003 min  
Response: 2858453  
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

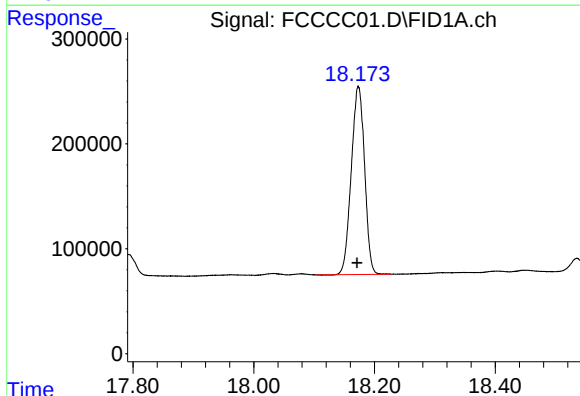
R.T.: 16.597 min  
Delta R.T.: 0.003 min  
Response: 2919685  
Conc: 20.85 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



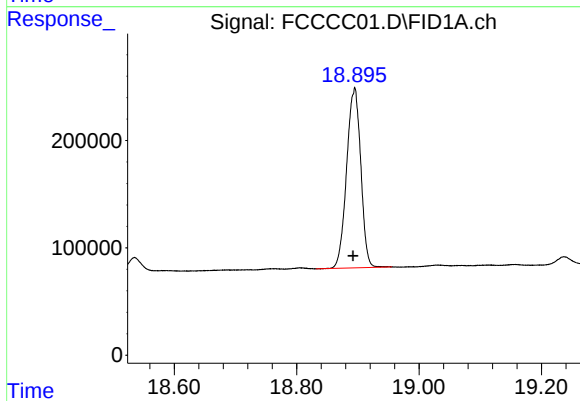
#18 n-Dotriacontane (C32)

R.T.: 17.410 min  
Delta R.T.: 0.003 min  
Response: 2929834  
Conc: 21.71 ug/ml



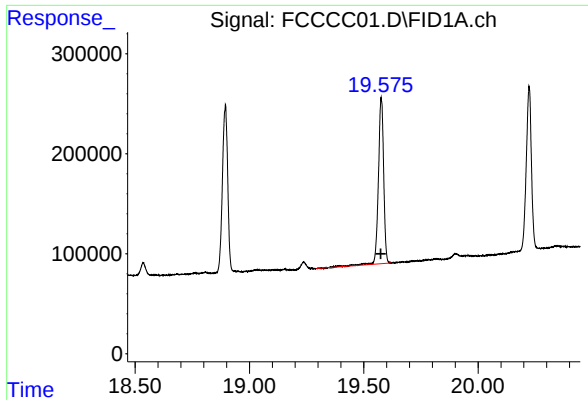
#19 n-Tetratriacontane (C34)

R.T.: 18.173 min  
Delta R.T.: 0.002 min  
Response: 2743995  
Conc: 21.88 ug/ml



#20 n-Hexatriacontane (C36)

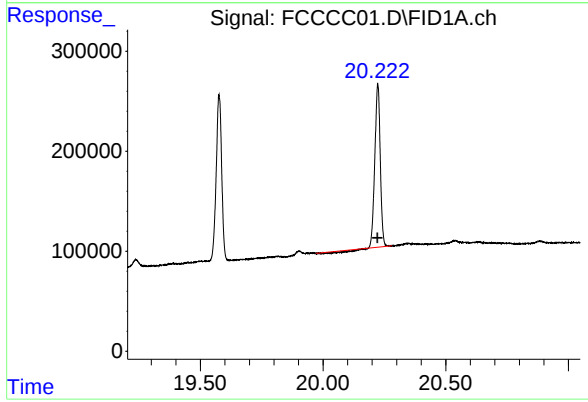
R.T.: 18.894 min  
Delta R.T.: 0.002 min  
Response: 2683080  
Conc: 21.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.576 min  
Delta R.T.: 0.003 min  
Response: 2661004  
Conc: 22.55 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.223 min  
Delta R.T.: 0.001 min  
Response: 2429050  
Conc: 21.10 ug/ml