

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122921AL\  
 Data File : FD040277.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Dec 2021 1:41  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 30 04:20:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 122821.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 29 02:26:30 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)    | 10.709 | 2919425    | 18.740 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.48%       |
| 12) S 1-chlorooctadecane (S... | 12.144 | 2241888    | 18.590 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.18%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.638  | 2564302    | 19.541 ug/ml |
| 2) T n-Decane (C10)            | 3.631  | 2595982    | 19.612 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.171  | 2846360    | 19.290 ug/ml |
| 4) T n-Dodecane (C12)          | 5.604  | 2609311    | 19.647 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.212  | 2860491    | 19.277 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.382  | 2659715    | 19.238 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.970  | 2658684    | 19.390 ug/ml |
| 8) T n-Octadecane (C18)        | 10.402 | 2702839    | 19.140 ug/ml |
| 10) T n-Eicosane (C20)         | 11.704 | 2656138    | 18.999 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.312 | 2644792    | 18.693 ug/ml |
| 13) T n-Docosane (C22)         | 12.896 | 2634454    | 18.772 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.993 | 2633539    | 18.757 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.008 | 2532636    | 18.418 ug/ml |
| 16) T n-Octacosane (C28)       | 15.953 | 2496049    | 18.349 ug/ml |
| 17) T n-Tricontane (C30)       | 16.836 | 2433811    | 18.186 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.663 | 2247733    | 17.364 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.444 | 2057736    | 16.972 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.180 | 2010308    | 18.864 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.884 | 2617568    | 28.345 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.712 | 1732296    | 22.247 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

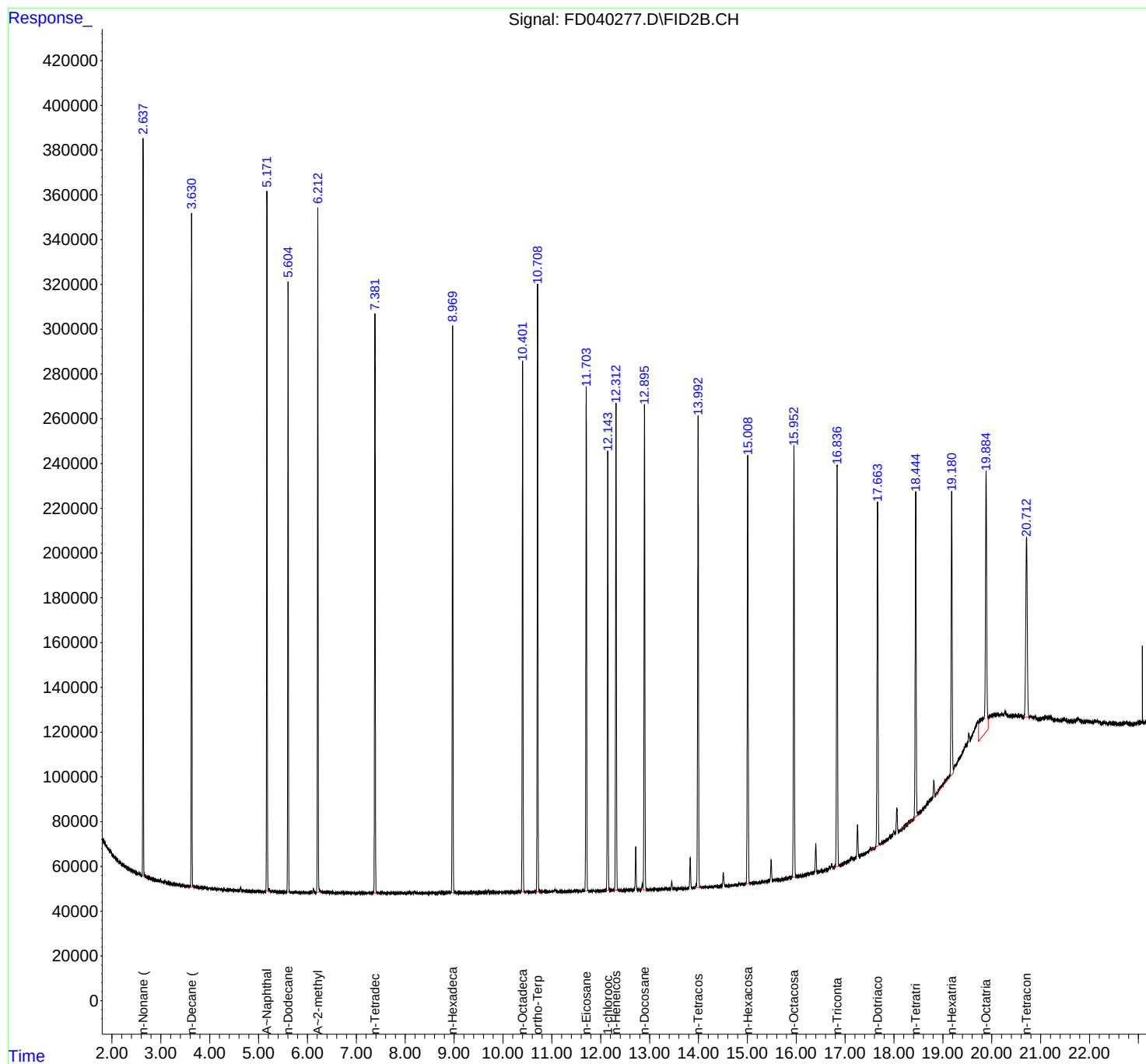
(m)=manual int.

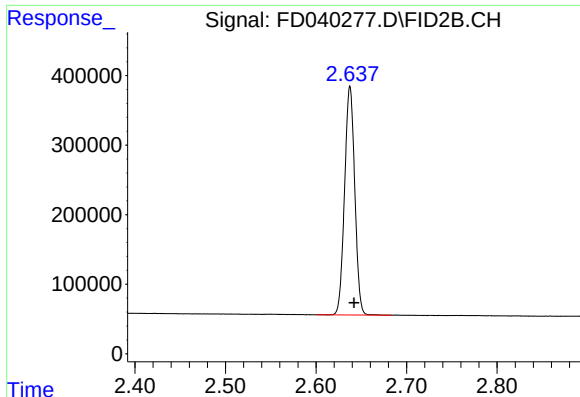
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122921AL\  
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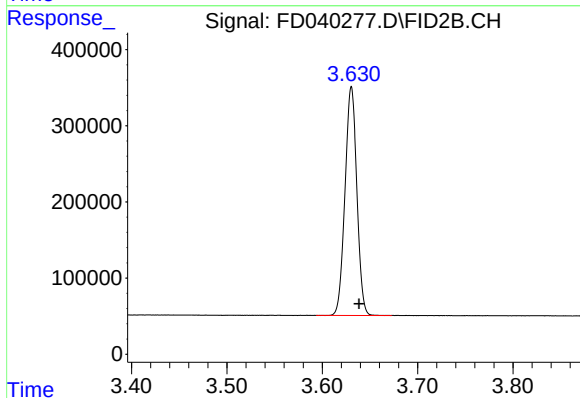




#1 n-Nonane (C9)

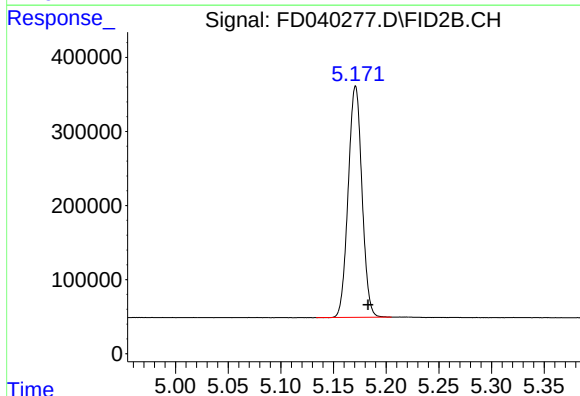
R.T.: 2.638 min  
Delta R.T.: -0.004 min  
Response: 2564302  
Conc: 19.54 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



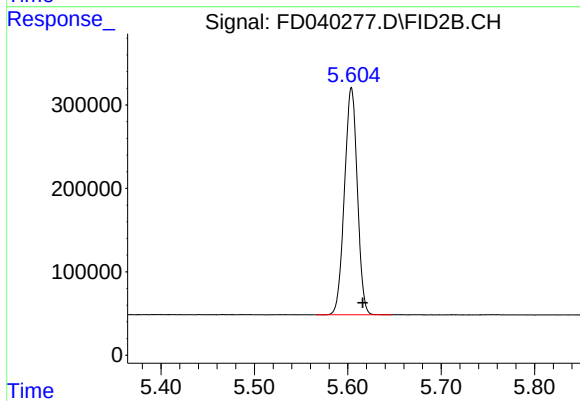
#2 n-Decane (C10)

R.T.: 3.631 min  
Delta R.T.: -0.008 min  
Response: 2595982  
Conc: 19.61 ug/ml



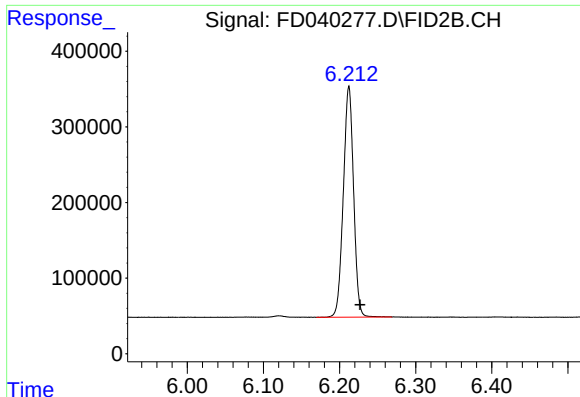
#3 A~Naphthalene (C11.7)

R.T.: 5.171 min  
Delta R.T.: -0.012 min  
Response: 2846360  
Conc: 19.29 ug/ml



#4 n-Dodecane (C12)

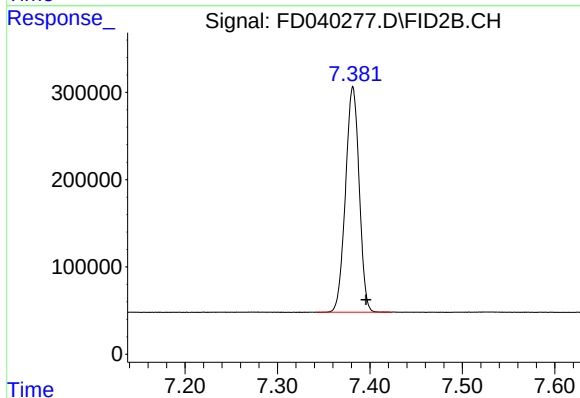
R.T.: 5.604 min  
Delta R.T.: -0.012 min  
Response: 2609311  
Conc: 19.65 ug/ml



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

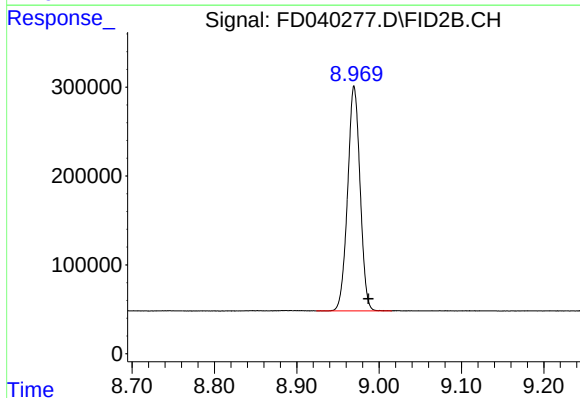
R.T.: 6.212 min  
Delta R.T.: -0.015 min  
Response: 2860491  
Conc: 19.28 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



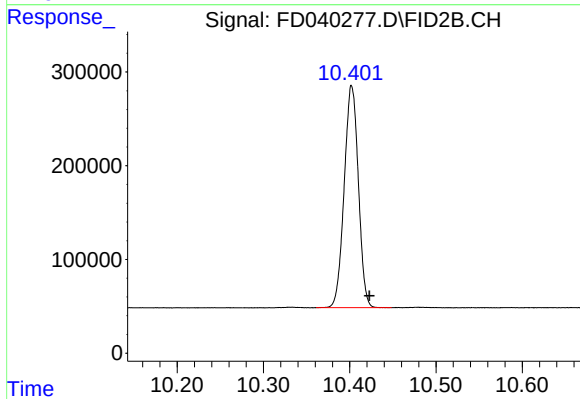
#6 n-Tetradecane (C14)

R.T.: 7.382 min  
Delta R.T.: -0.014 min  
Response: 2659715  
Conc: 19.24 ug/ml



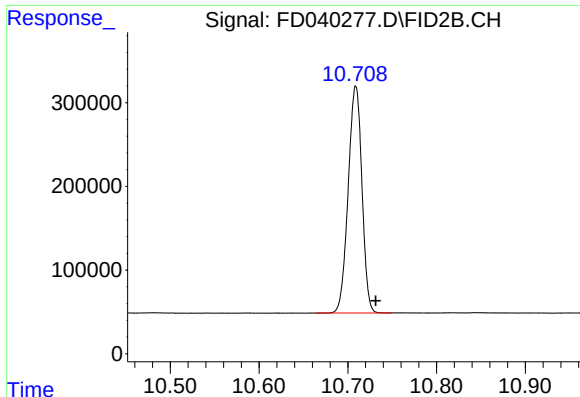
#7 n-Hexadecane (C16)

R.T.: 8.970 min  
Delta R.T.: -0.017 min  
Response: 2658684  
Conc: 19.39 ug/ml



#8 n-Octadecane (C18)

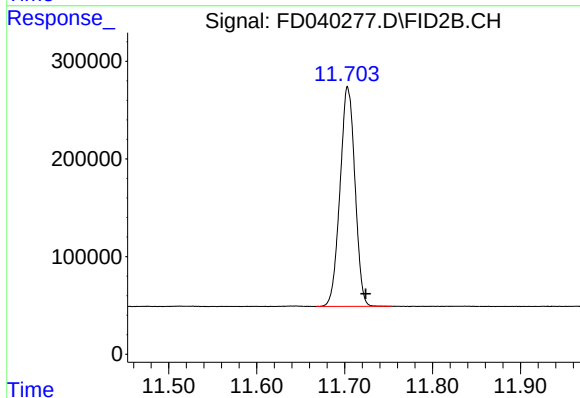
R.T.: 10.402 min  
Delta R.T.: -0.021 min  
Response: 2702839  
Conc: 19.14 ug/ml



#9 ortho-Terphenyl (SURR)

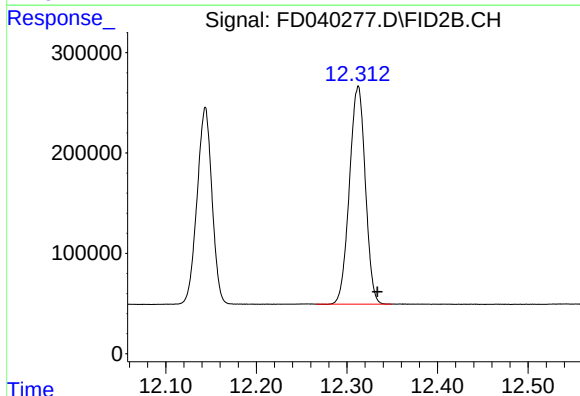
R.T.: 10.709 min  
Delta R.T.: -0.022 min  
Response: 2919425  
Conc: 18.74 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



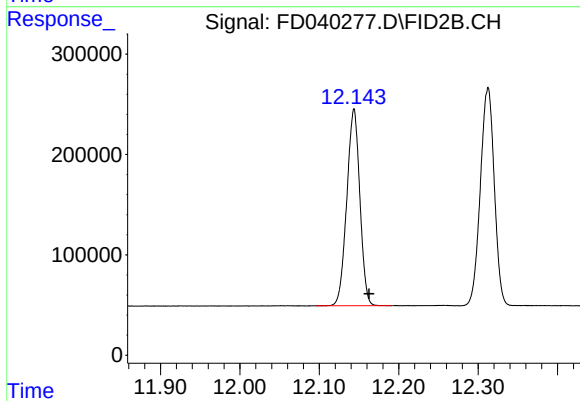
#10 n-Eicosane (C20)

R.T.: 11.704 min  
Delta R.T.: -0.021 min  
Response: 2656138  
Conc: 19.00 ug/ml



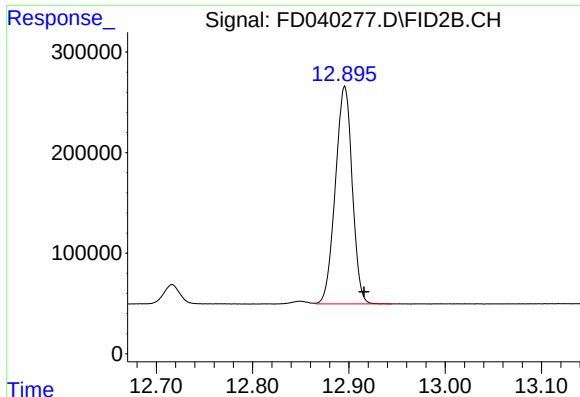
#11 n-Heneicosane (C21)

R.T.: 12.312 min  
Delta R.T.: -0.021 min  
Response: 2644792  
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

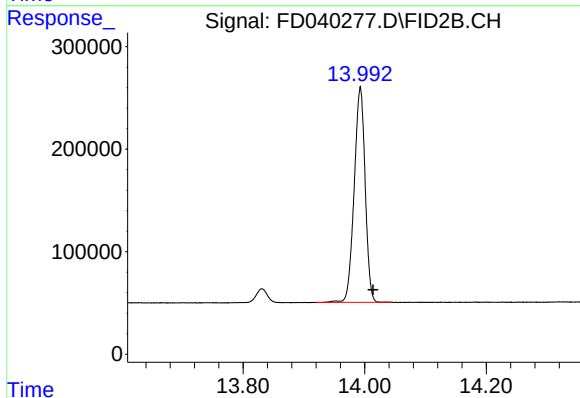
R.T.: 12.144 min  
Delta R.T.: -0.019 min  
Response: 2241888  
Conc: 18.59 ug/ml



#13 n-Docosane (C22)

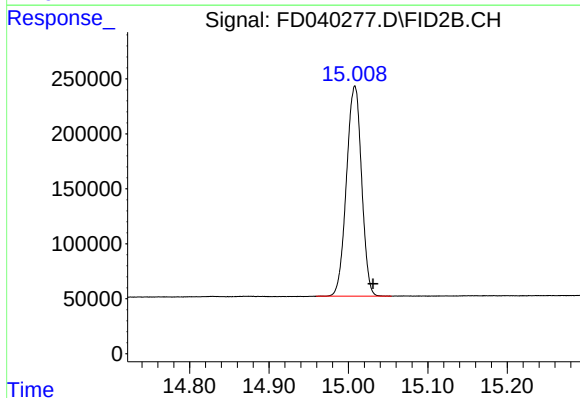
R.T.: 12.896 min  
Delta R.T.: -0.020 min  
Response: 2634454  
Conc: 18.77 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



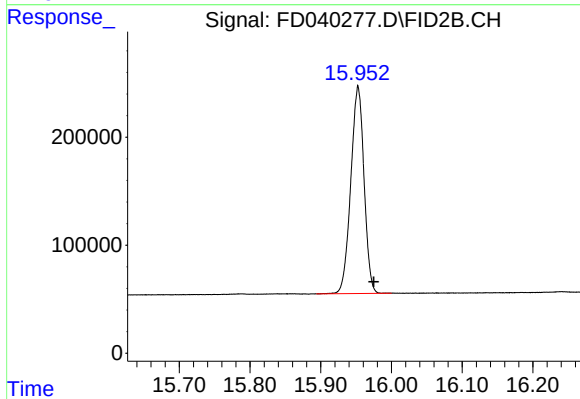
#14 n-Tetracosane (C24)

R.T.: 13.993 min  
Delta R.T.: -0.021 min  
Response: 2633539  
Conc: 18.76 ug/ml



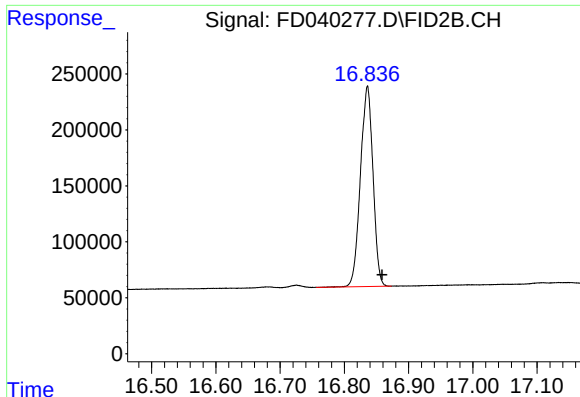
#15 n-Hexacosane (C26)

R.T.: 15.008 min  
Delta R.T.: -0.023 min  
Response: 2532636  
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

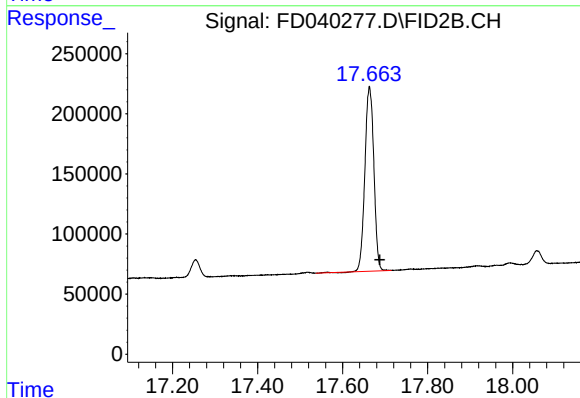
R.T.: 15.953 min  
Delta R.T.: -0.022 min  
Response: 2496049  
Conc: 18.35 ug/ml



#17 n-Tricontane (C30)

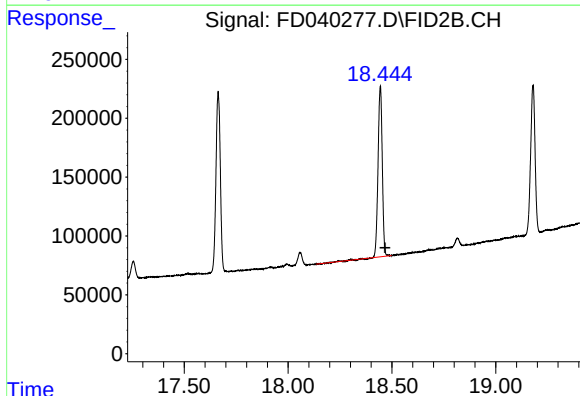
R.T.: 16.836 min  
Delta R.T.: -0.023 min  
Response: 2433811  
Conc: 18.19 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



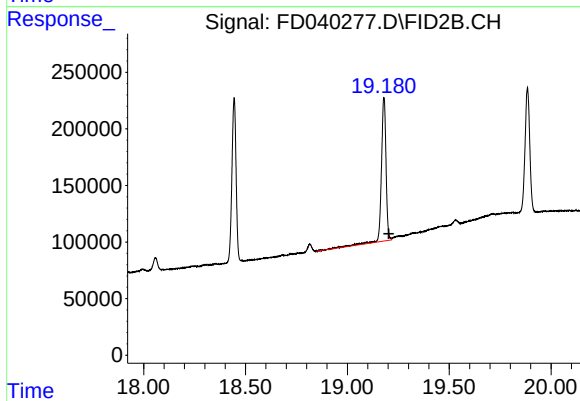
#18 n-Dotriacontane (C32)

R.T.: 17.663 min  
Delta R.T.: -0.024 min  
Response: 2247733  
Conc: 17.36 ug/ml



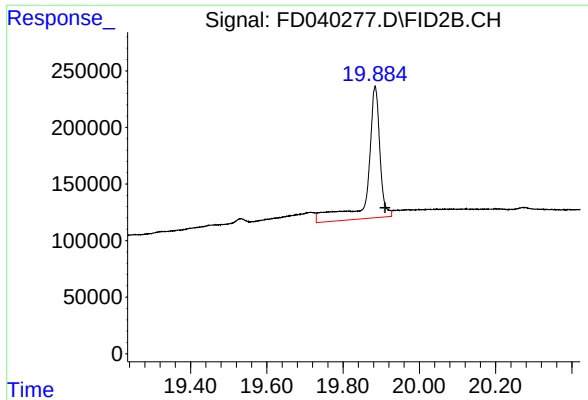
#19 n-Tetratriacontane (C34)

R.T.: 18.444 min  
Delta R.T.: -0.022 min  
Response: 2057736  
Conc: 16.97 ug/ml



#20 n-Hexatriacontane (C36)

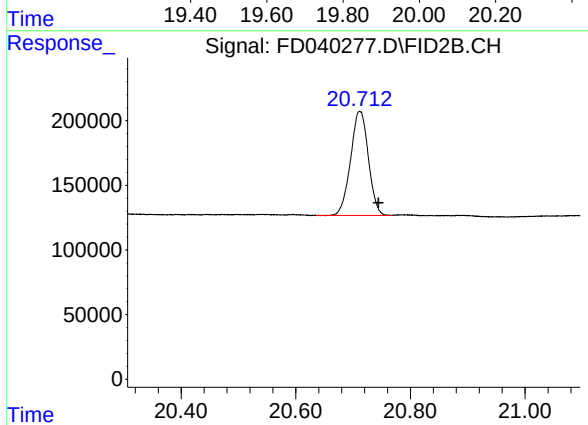
R.T.: 19.180 min  
Delta R.T.: -0.024 min  
Response: 2010308  
Conc: 18.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.884 min  
Delta R.T.: -0.026 min  
Response: 2617568  
Conc: 28.34 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.712 min  
Delta R.T.: -0.032 min  
Response: 1732296  
Conc: 22.25 ug/ml