

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020222AL\  
 Data File : FD040871.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Feb 2022 1:57  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Feb 03 03:45:12 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 020222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 02 23:36:14 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)    | 10.596 | 2976000    | 20.429 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.86%       |
| 12) S 1-chlorooctadecane (S... | 12.033 | 2242289    | 20.441 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.560  | 2540926    | 20.400 ug/ml |
| 2) T n-Decane (C10)            | 3.543  | 2562143    | 20.401 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.070  | 2784918    | 20.600 ug/ml |
| 4) T n-Dodecane (C12)          | 5.508  | 2577411    | 20.474 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.108  | 2802822    | 20.664 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.282  | 2617780    | 20.476 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.867  | 2610406    | 20.408 ug/ml |
| 8) T n-Octadecane (C18)        | 10.297 | 2655596    | 20.424 ug/ml |
| 10) T n-Eicosane (C20)         | 11.596 | 2600711    | 20.395 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.204 | 2616343    | 20.437 ug/ml |
| 13) T n-Docosane (C22)         | 12.786 | 2582211    | 20.453 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.881 | 2564126    | 20.477 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.896 | 2493545    | 20.508 ug/ml |
| 16) T n-Octacosane (C28)       | 15.841 | 2448416    | 20.406 ug/ml |
| 17) T n-Tricontane (C30)       | 16.722 | 2367420    | 20.364 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.550 | 2196554    | 20.454 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.329 | 2018260    | 20.354 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.066 | 1855712    | 20.793 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.765 | 1710278    | 20.462 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.553 | 1714753    | 20.713 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

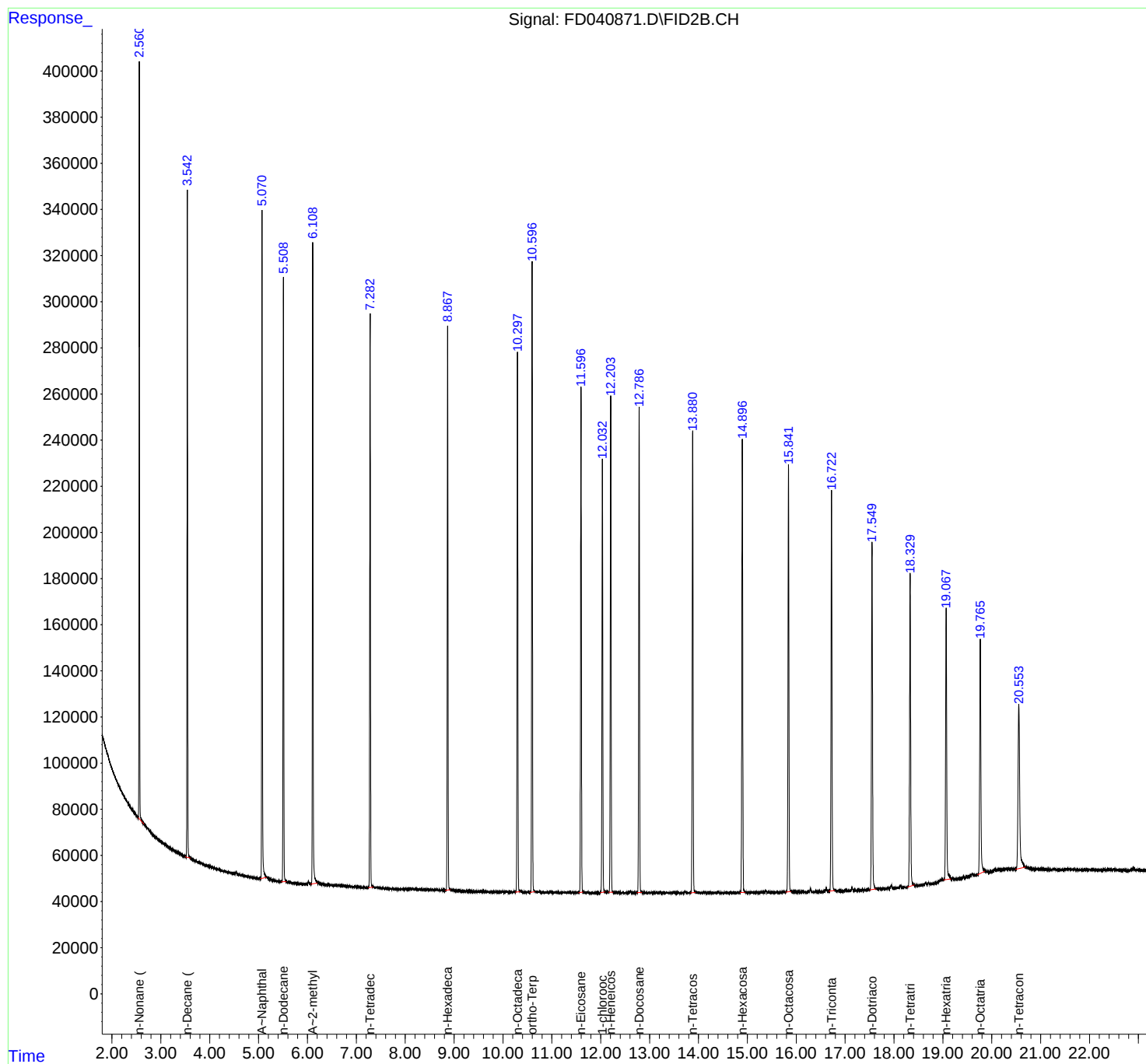
(m)=manual int.

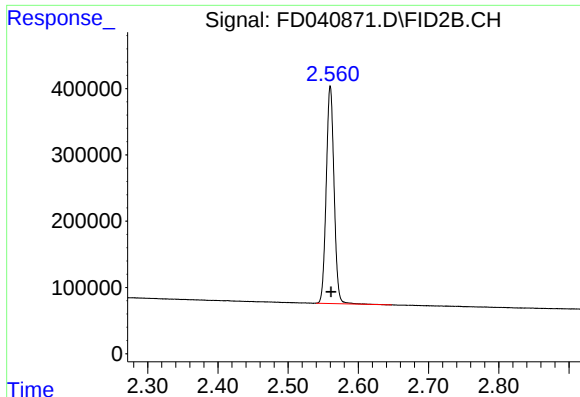
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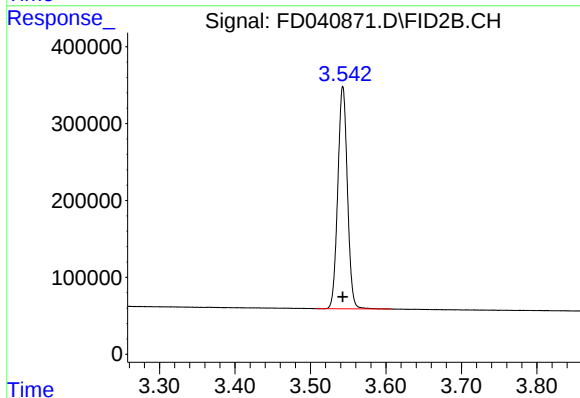




#1 n-Nonane (C9)

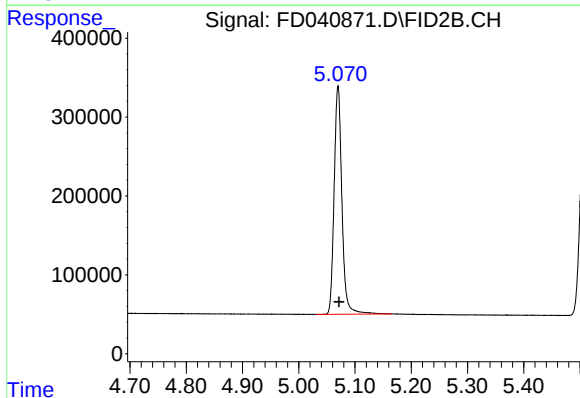
R.T.: 2.560 min  
Delta R.T.: 0.000 min  
Response: 2540926  
Conc: 20.40 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD



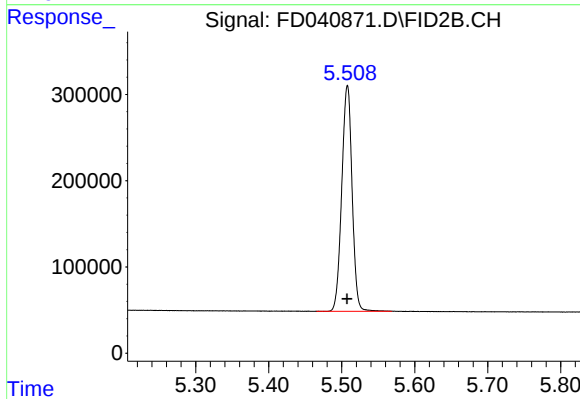
#2 n-Decane (C10)

R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 2562143  
Conc: 20.40 ug/ml



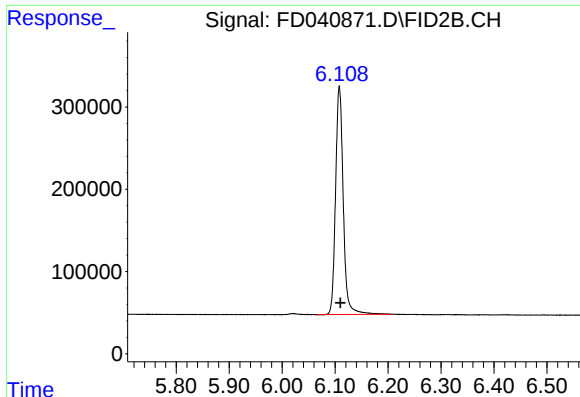
#3 A~Naphthalene (C11.7)

R.T.: 5.070 min  
Delta R.T.: -0.002 min  
Response: 2784918  
Conc: 20.60 ug/ml



#4 n-Dodecane (C12)

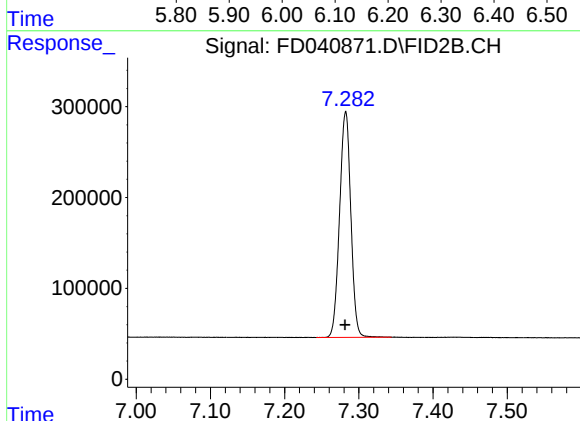
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 2577411  
Conc: 20.47 ug/ml



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

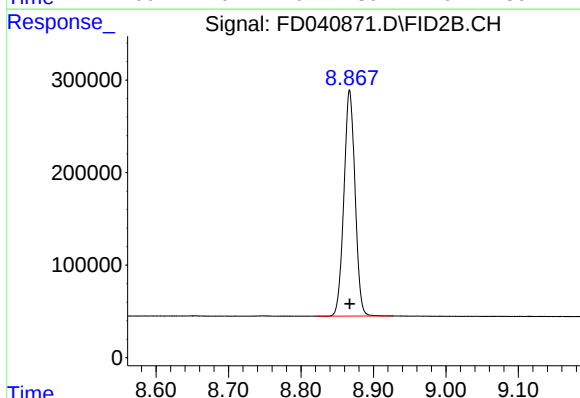
R.T.: 6.108 min  
Delta R.T.: -0.002 min  
Response: 2802822  
Conc: 20.66 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



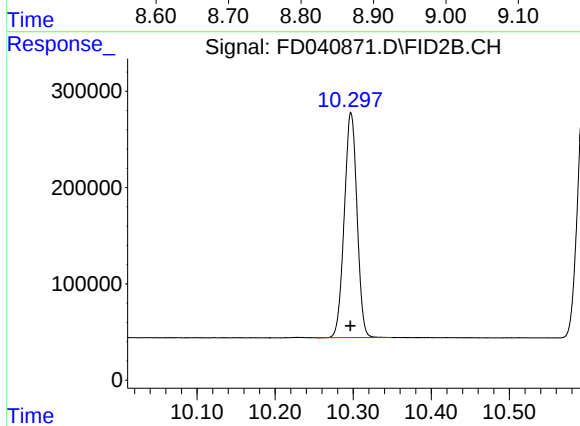
#6 n-Tetradecane (C14)

R.T.: 7.282 min  
Delta R.T.: 0.001 min  
Response: 2617780  
Conc: 20.48 ug/ml



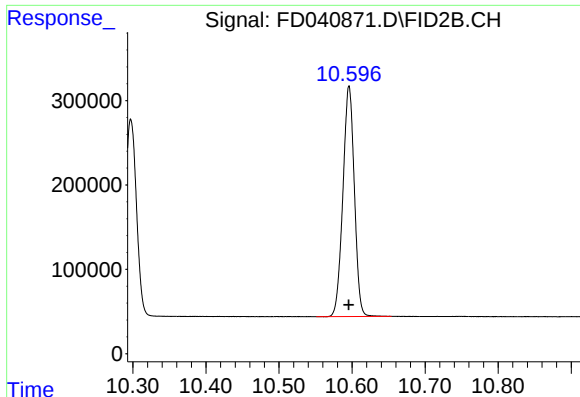
#7 n-Hexadecane (C16)

R.T.: 8.867 min  
Delta R.T.: 0.000 min  
Response: 2610406  
Conc: 20.41 ug/ml



#8 n-Octadecane (C18)

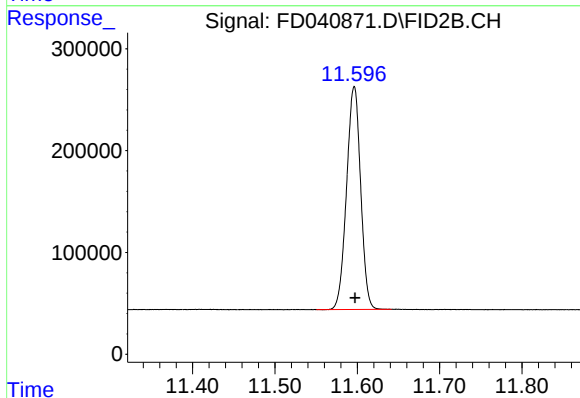
R.T.: 10.297 min  
Delta R.T.: 0.000 min  
Response: 2655596  
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

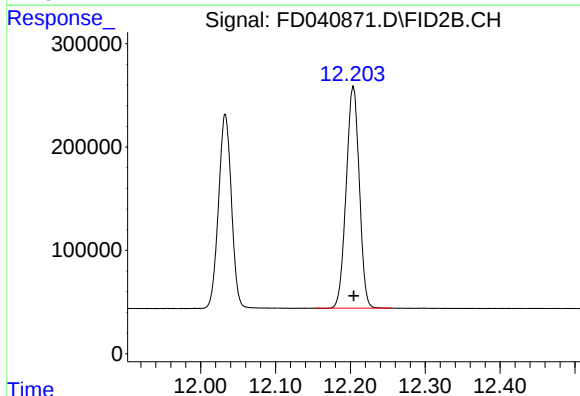
R.T.: 10.596 min  
Delta R.T.: 0.000 min  
Response: 2976000  
Conc: 20.43 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



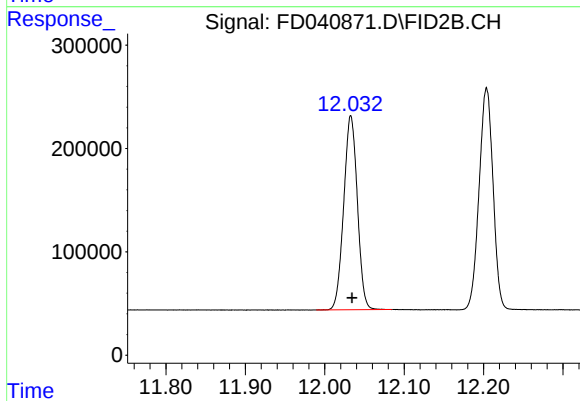
#10 n-Eicosane (C20)

R.T.: 11.596 min  
Delta R.T.: 0.000 min  
Response: 2600711  
Conc: 20.39 ug/ml



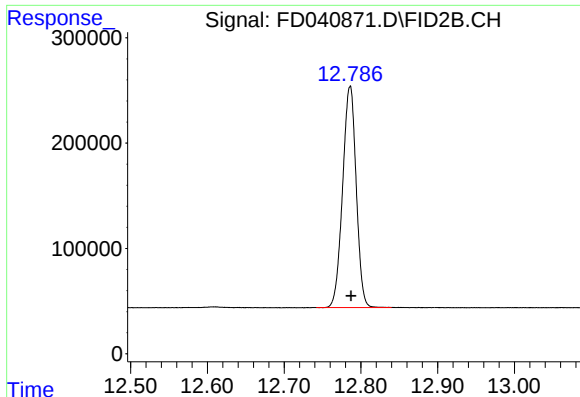
#11 n-Heneicosane (C21)

R.T.: 12.204 min  
Delta R.T.: 0.000 min  
Response: 2616343  
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

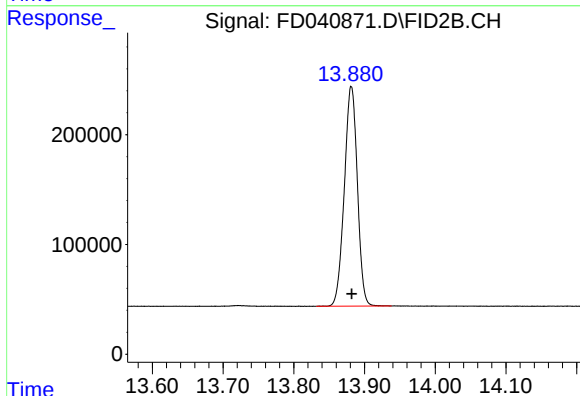
R.T.: 12.033 min  
Delta R.T.: -0.002 min  
Response: 2242289  
Conc: 20.44 ug/ml



#13 n-Docosane (C22)

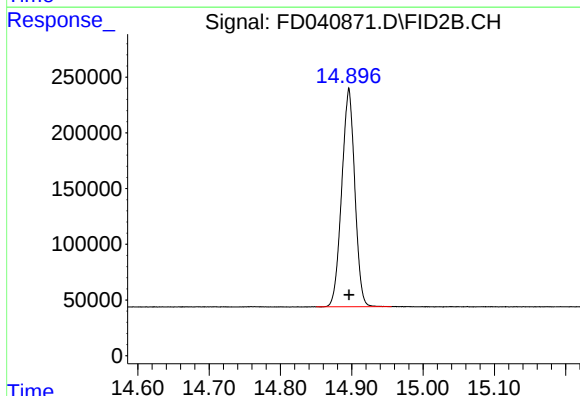
R.T.: 12.786 min  
Delta R.T.: -0.001 min  
Response: 2582211  
Conc: 20.45 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



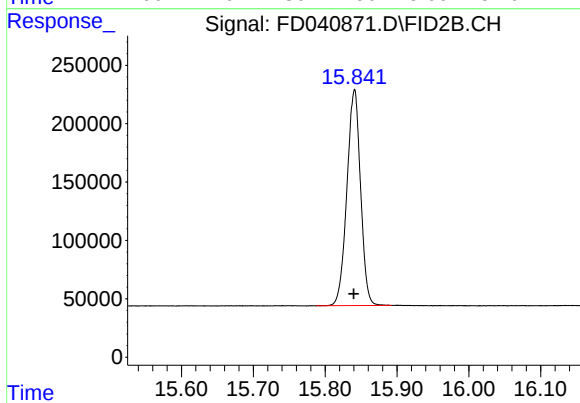
#14 n-Tetracosane (C24)

R.T.: 13.881 min  
Delta R.T.: 0.000 min  
Response: 2564126  
Conc: 20.48 ug/ml



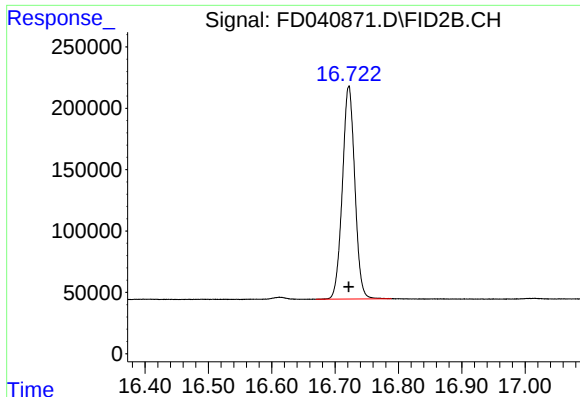
#15 n-Hexacosane (C26)

R.T.: 14.896 min  
Delta R.T.: 0.000 min  
Response: 2493545  
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

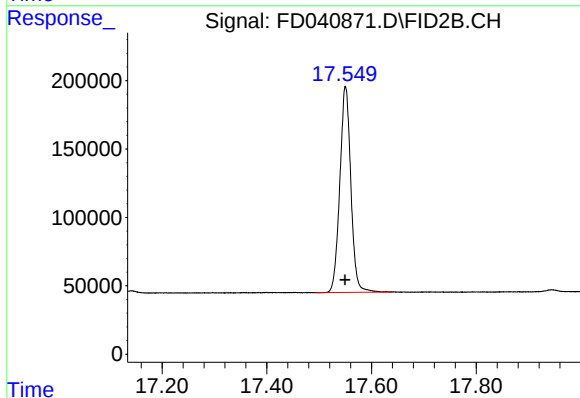
R.T.: 15.841 min  
Delta R.T.: 0.001 min  
Response: 2448416  
Conc: 20.41 ug/ml



#17 n-Tricontane (C30)

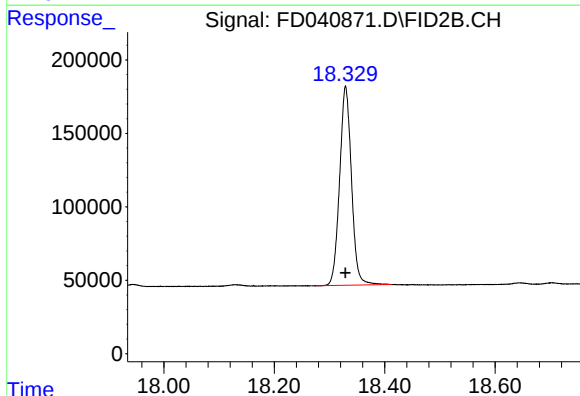
R.T.: 16.722 min  
Delta R.T.: 0.000 min  
Response: 2367420  
Conc: 20.36 ug/ml

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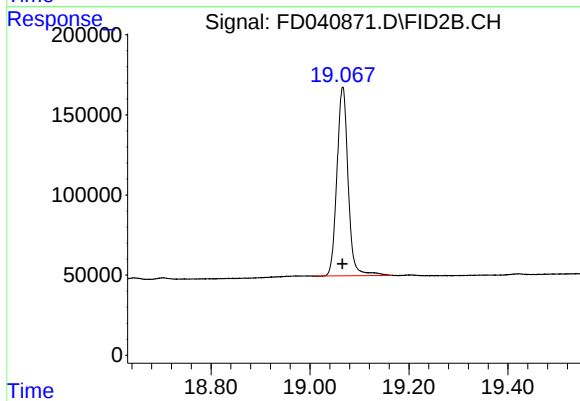
#18 n-Dotriacontane (C32)

R.T.: 17.550 min  
Delta R.T.: 0.000 min  
Response: 2196554  
Conc: 20.45 ug/ml



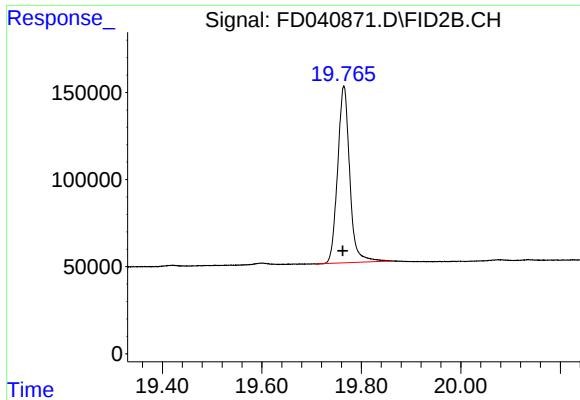
#19 n-Tetratriacontane (C34)

R.T.: 18.329 min  
Delta R.T.: 0.000 min  
Response: 2018260  
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

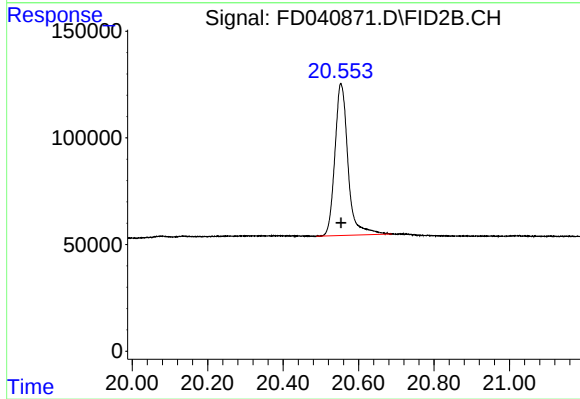
R.T.: 19.066 min  
Delta R.T.: 0.000 min  
Response: 1855712  
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.765 min  
Delta R.T.: 0.002 min  
Response: 1710278  
Conc: 20.46 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.553 min  
Delta R.T.: 0.000 min  
Response: 1714753  
Conc: 20.71 ug/ml