

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041822AL\  
 Data File : FD041986.D  
 Signal(s) : FID2B.CH  
 Acq On : 18 Apr 2022 23:00  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 19 04:35:11 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 032222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 23 05:05:55 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)    | 11.211 | 3525174    | 19.879 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.76%       |
| 12) S 1-chlorooctadecane (S... | 12.650 | 2733078    | 19.738 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.48%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.080  | 3197316    | 21.735 ug/ml |
| 2) T n-Decane (C10)            | 4.126  | 3192923    | 21.866 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.676  | 3369915    | 21.574 ug/ml |
| 4) T n-Dodecane (C12)          | 6.121  | 3341323    | 22.182 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.723  | 3346795    | 21.516 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.898  | 3349214    | 21.988 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.483  | 3365402    | 21.826 ug/ml |
| 8) T n-Octadecane (C18)        | 10.913 | 3363312    | 21.347 ug/ml |
| 10) T n-Eicosane (C20)         | 12.213 | 3280076    | 20.735 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.820 | 3214919    | 20.076 ug/ml |
| 13) T n-Docosane (C22)         | 13.403 | 3290901    | 20.490 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.497 | 3332146    | 20.614 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.514 | 3340794    | 20.684 ug/ml |
| 16) T n-Octacosane (C28)       | 16.456 | 3455940    | 21.469 ug/ml |
| 17) T n-Tricontane (C30)       | 17.338 | 3504210    | 22.236 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.165 | 3304526    | 22.269 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.945 | 2935524    | 21.909 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.680 | 2568932    | 21.454 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.377 | 2380830    | 21.511 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.149 | 2297779    | 21.342 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

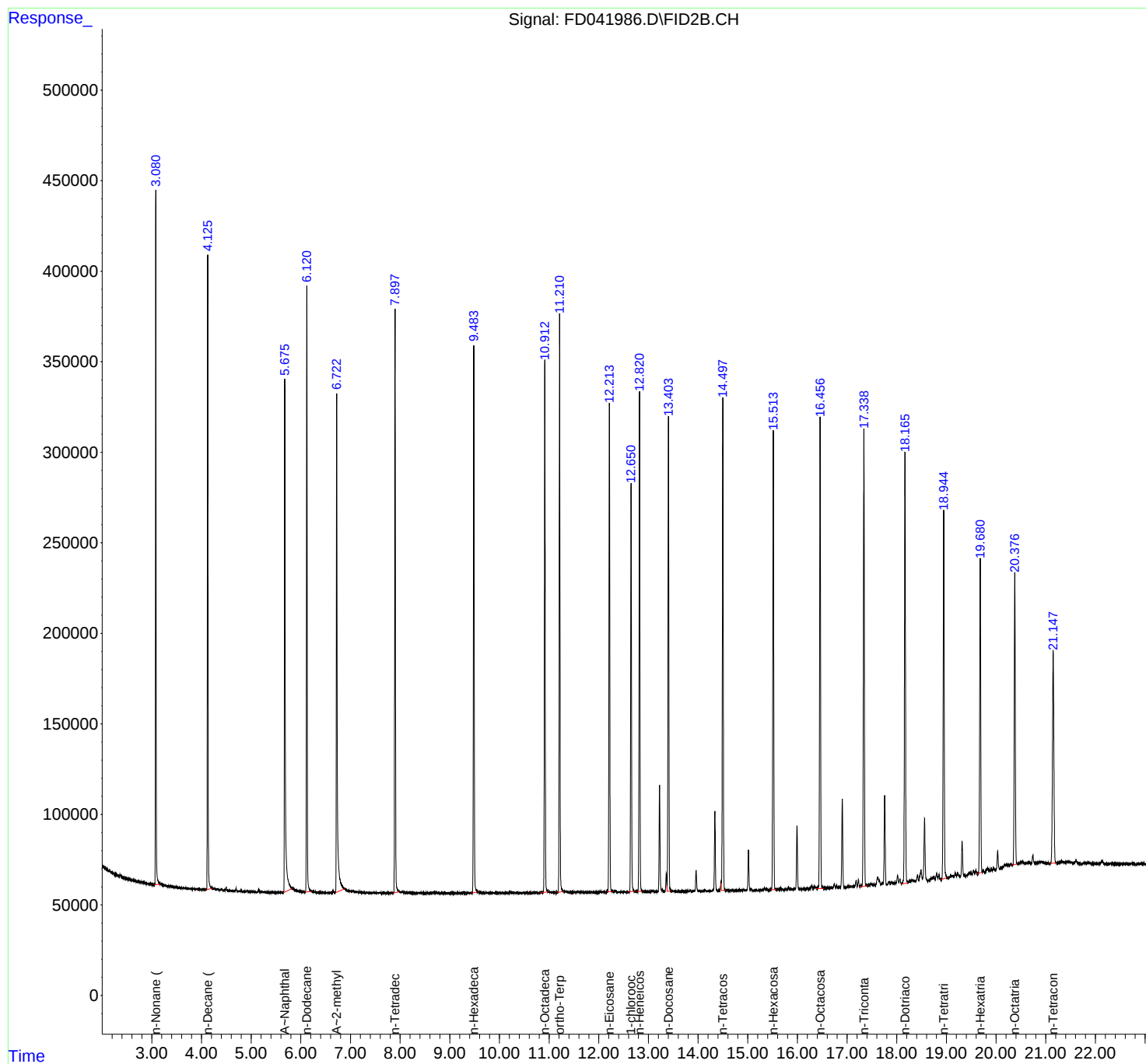
(m)=manual int.

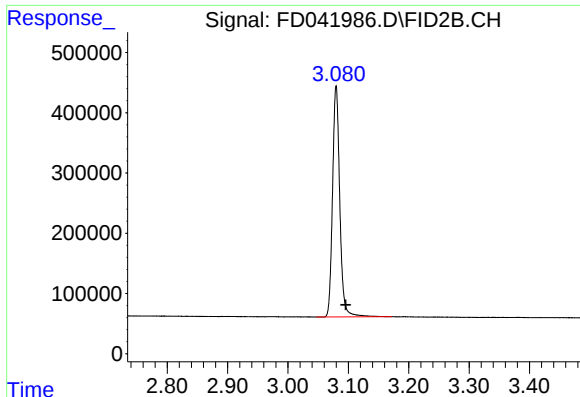
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041822AL\  
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Acq On : 18 Apr 2022 23:00  
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Volume Inj. : 1 ul  
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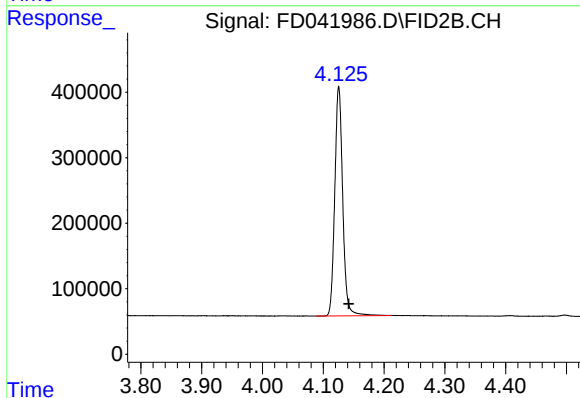




#1 n-Nonane (C9)

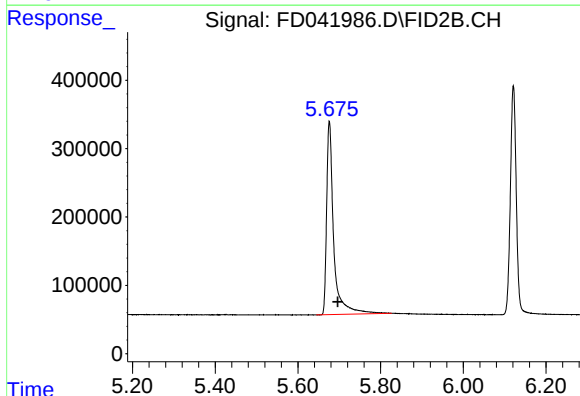
R.T.: 3.080 min  
Delta R.T.: -0.016 min  
Response: 3197316  
Conc: 21.74 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



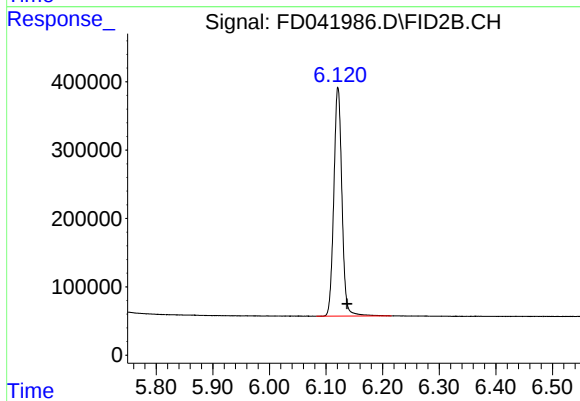
#2 n-Decane (C10)

R.T.: 4.126 min  
Delta R.T.: -0.016 min  
Response: 3192923  
Conc: 21.87 ug/ml



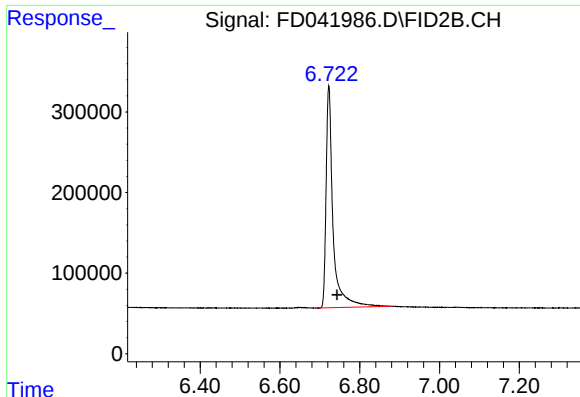
#3 A~Naphthalene (C11.7)

R.T.: 5.676 min  
Delta R.T.: -0.020 min  
Response: 3369915  
Conc: 21.57 ug/ml



#4 n-Dodecane (C12)

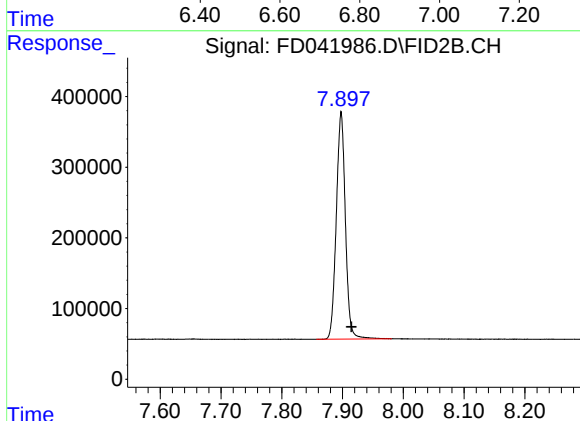
R.T.: 6.121 min  
Delta R.T.: -0.016 min  
Response: 3341323  
Conc: 22.18 ug/ml



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

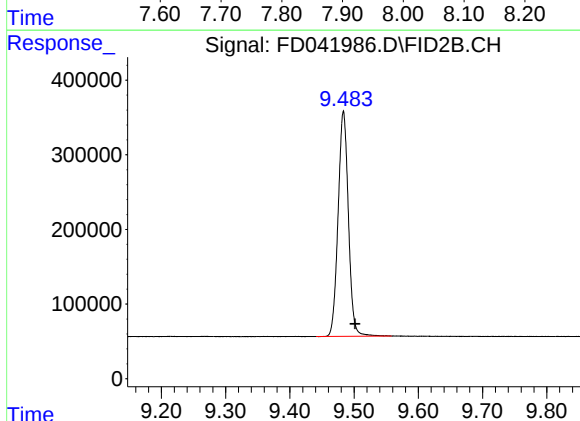
R.T.: 6.723 min  
Delta R.T.: -0.021 min  
Response: 3346795  
Conc: 21.52 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



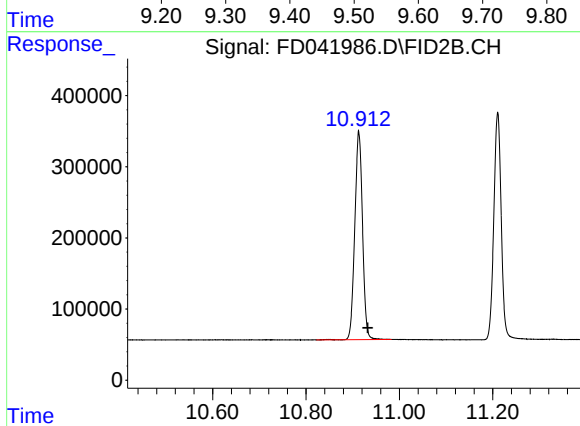
#6 n-Tetradecane (C14)

R.T.: 7.898 min  
Delta R.T.: -0.017 min  
Response: 3349214  
Conc: 21.99 ug/ml



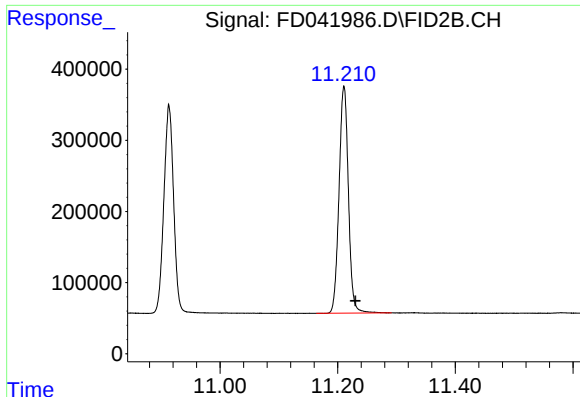
#7 n-Hexadecane (C16)

R.T.: 9.483 min  
Delta R.T.: -0.018 min  
Response: 3365402  
Conc: 21.83 ug/ml



#8 n-Octadecane (C18)

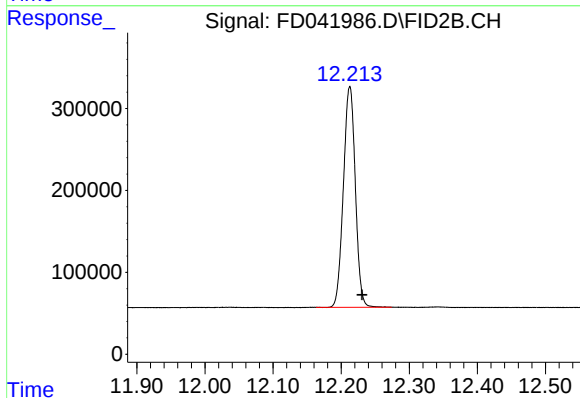
R.T.: 10.913 min  
Delta R.T.: -0.019 min  
Response: 3363312  
Conc: 21.35 ug/ml



#9 ortho-Terphenyl (SURR)

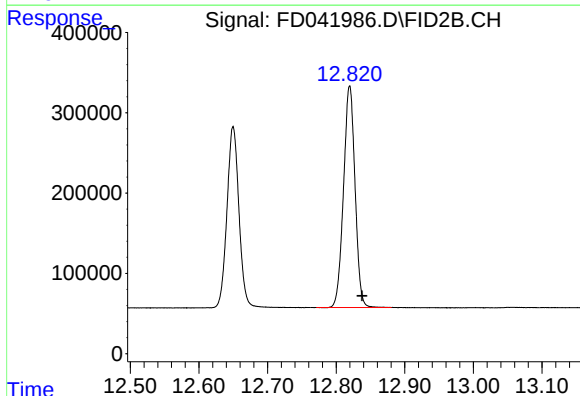
R.T.: 11.211 min  
Delta R.T.: -0.019 min  
Response: 3525174  
Conc: 19.88 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



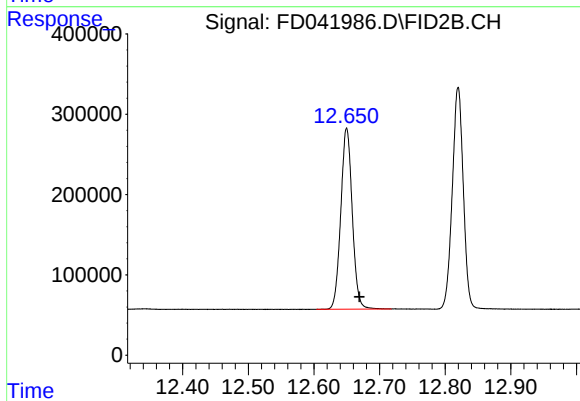
#10 n-Eicosane (C20)

R.T.: 12.213 min  
Delta R.T.: -0.018 min  
Response: 3280076  
Conc: 20.73 ug/ml



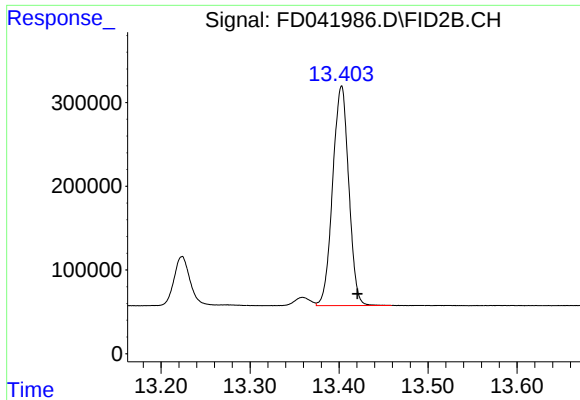
#11 n-Heneicosane (C21)

R.T.: 12.820 min  
Delta R.T.: -0.018 min  
Response: 3214919  
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

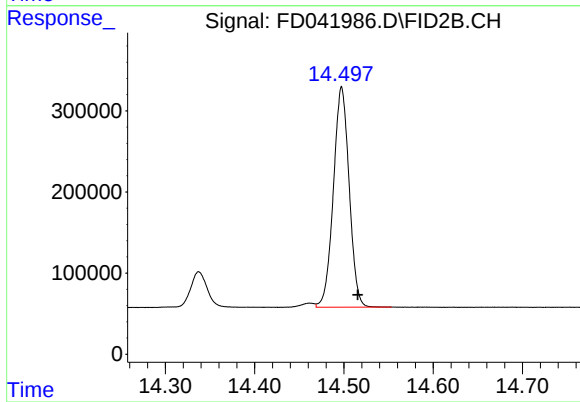
R.T.: 12.650 min  
Delta R.T.: -0.019 min  
Response: 2733078  
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

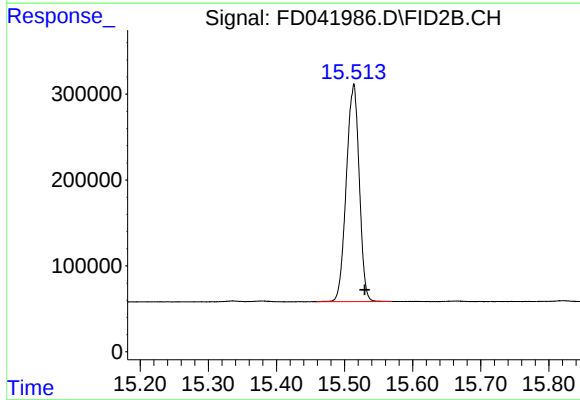
R.T.: 13.403 min  
Delta R.T.: -0.018 min  
Response: 3290901  
Conc: 20.49 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



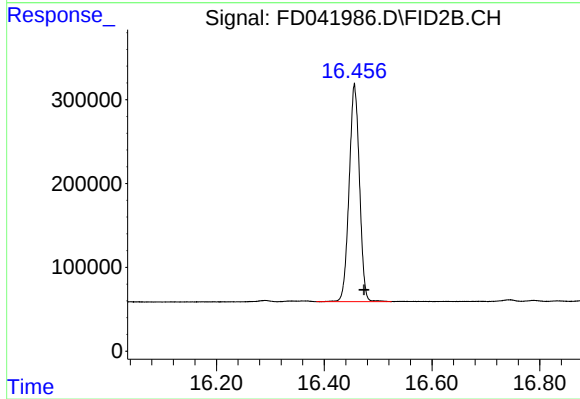
#14 n-Tetracosane (C24)

R.T.: 14.497 min  
Delta R.T.: -0.018 min  
Response: 3332146  
Conc: 20.61 ug/ml



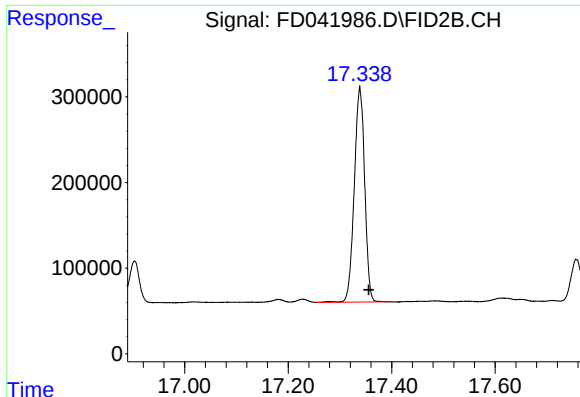
#15 n-Hexacosane (C26)

R.T.: 15.514 min  
Delta R.T.: -0.016 min  
Response: 3340794  
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

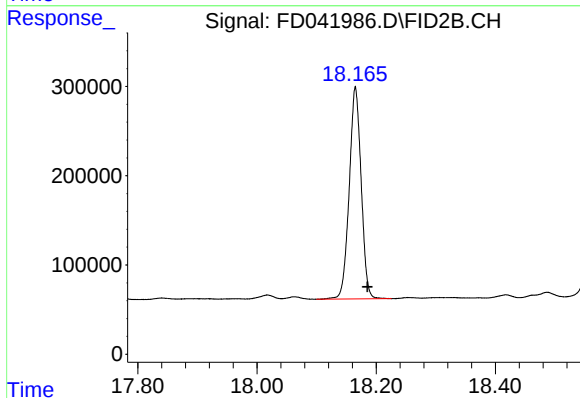
R.T.: 16.456 min  
Delta R.T.: -0.018 min  
Response: 3455940  
Conc: 21.47 ug/ml



#17 n-Tricontane (C30)

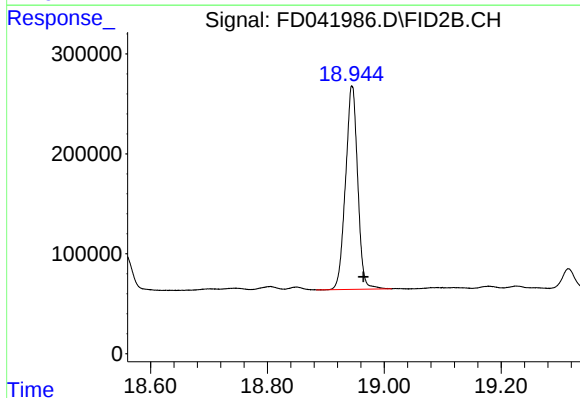
R.T.: 17.338 min  
Delta R.T.: -0.017 min  
Response: 3504210  
Conc: 22.24 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



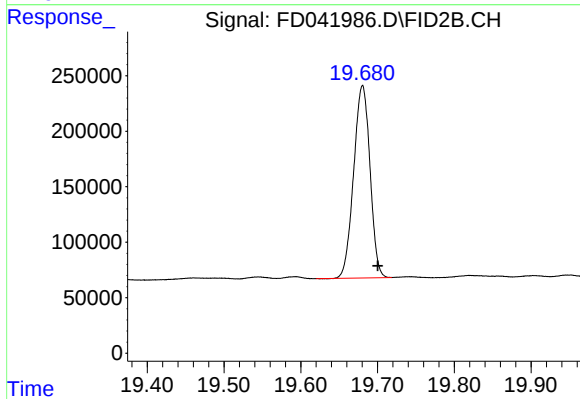
#18 n-Dotriacontane (C32)

R.T.: 18.165 min  
Delta R.T.: -0.020 min  
Response: 3304526  
Conc: 22.27 ug/ml



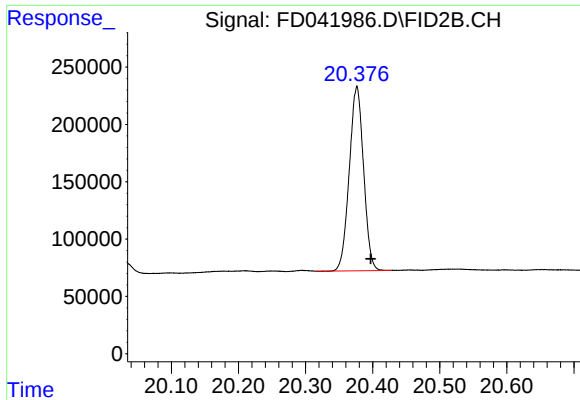
#19 n-Tetratriacontane (C34)

R.T.: 18.945 min  
Delta R.T.: -0.019 min  
Response: 2935524  
Conc: 21.91 ug/ml



#20 n-Hexatriacontane (C36)

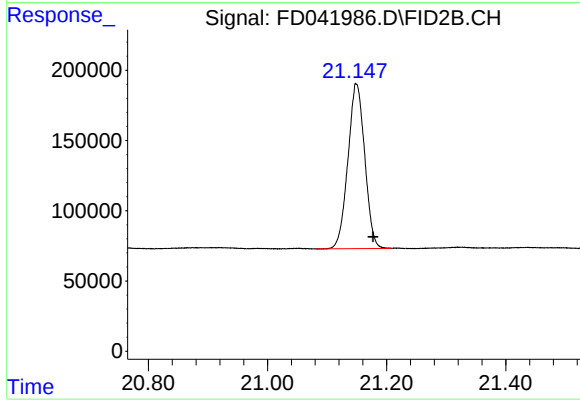
R.T.: 19.680 min  
Delta R.T.: -0.020 min  
Response: 2568932  
Conc: 21.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.377 min  
Delta R.T.: -0.020 min  
Response: 2380830  
Conc: 21.51 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.149 min  
Delta R.T.: -0.028 min  
Response: 2297779  
Conc: 21.34 ug/ml