

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD060921AL\  
 Data File : FD037838.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Jun 2021 00:25  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 10 02:20:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 051321.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 14 02:07:09 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)    | 11.447 | 2215790    | 18.895 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.79%       |
| 12) S 1-chlorooctadecane (S... | 12.881 | 1701734    | 18.728 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.46%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.248  | 2016175    | 19.982 ug/ml |
| 2) T n-Decane (C10)            | 4.309  | 2044782    | 20.154 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.884  | 2336059    | 20.516 ug/ml |
| 4) T n-Dodecane (C12)          | 6.319  | 2109664    | 20.407 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.936  | 2374480    | 20.510 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.107  | 2131643    | 20.453 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.701  | 2102345    | 20.375 ug/ml |
| 8) T n-Octadecane (C18)        | 11.137 | 2155286    | 19.948 ug/ml |
| 10) T n-Eicosane (C20)         | 12.440 | 2123478    | 19.484 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.049 | 2072734    | 19.040 ug/ml |
| 13) T n-Docosane (C22)         | 13.632 | 2104894    | 19.376 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.731 | 2154734    | 19.886 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.746 | 2160527    | 20.283 ug/ml |
| 16) T n-Octacosane (C28)       | 16.693 | 2217007    | 20.925 ug/ml |
| 17) T n-Tricontane (C30)       | 17.575 | 2311879    | 21.959 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.405 | 2303535    | 22.115 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.184 | 2143536    | 21.089 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.922 | 1970549    | 20.202 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.630 | 1861220    | 20.245 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.468 | 1875502    | 19.477 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

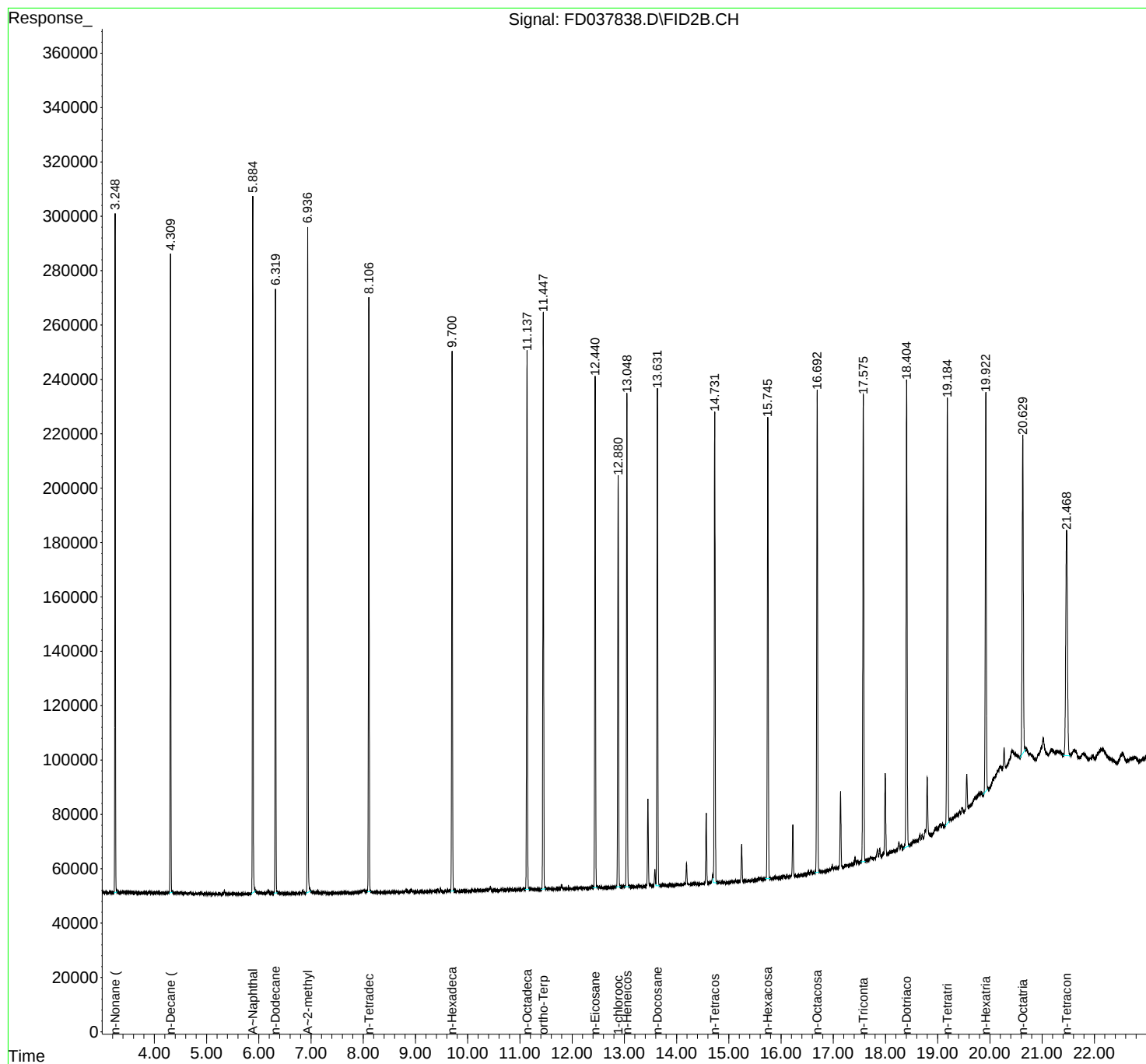
(m)=manual int.

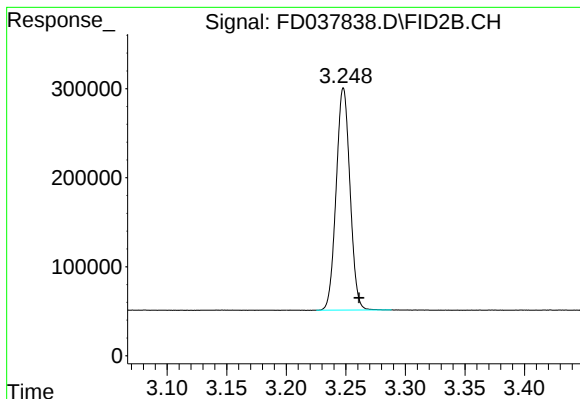
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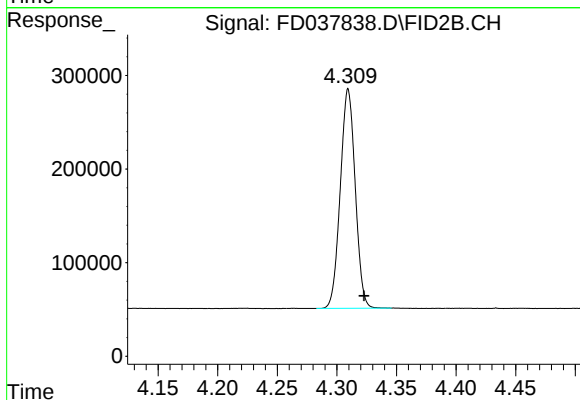




#1 n-Nonane (C9)

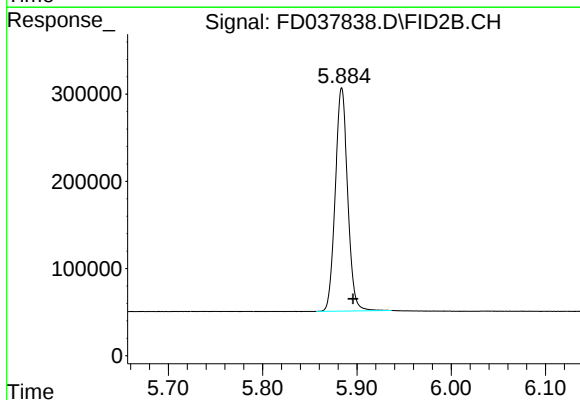
R.T.: 3.248 min  
Delta R.T.: -0.013 min  
Response: 2016175  
Conc: 19.98 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



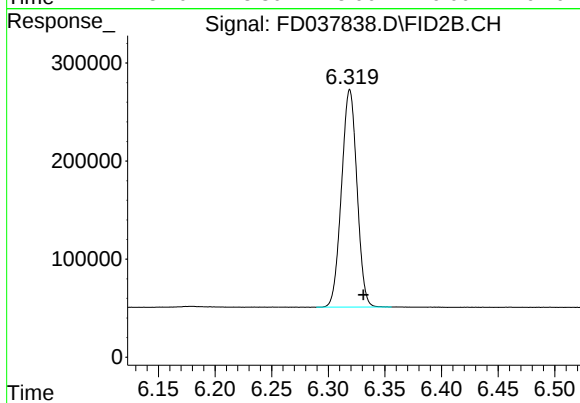
#2 n-Decane (C10)

R.T.: 4.309 min  
Delta R.T.: -0.013 min  
Response: 2044782  
Conc: 20.15 ug/ml



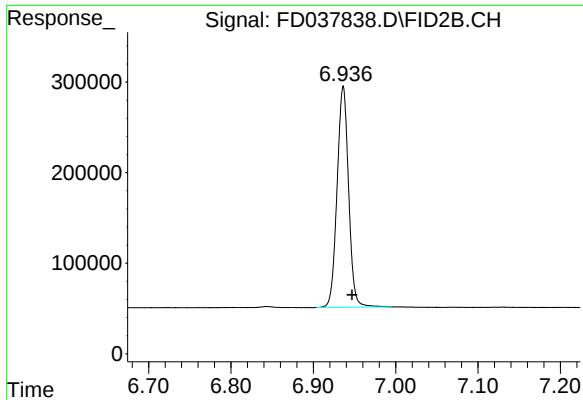
#3 A~Naphthalene (C11.7)

R.T.: 5.884 min  
Delta R.T.: -0.012 min  
Response: 2336059  
Conc: 20.52 ug/ml



#4 n-Dodecane (C12)

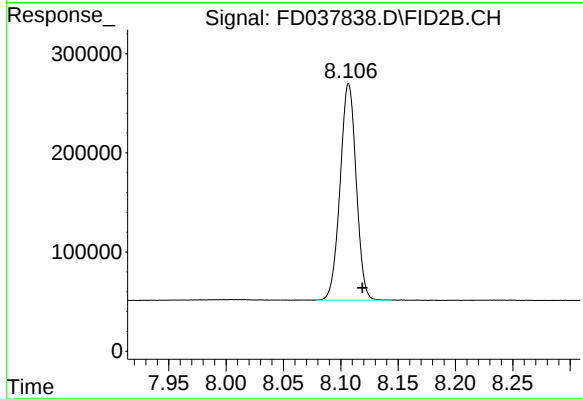
R.T.: 6.319 min  
Delta R.T.: -0.012 min  
Response: 2109664  
Conc: 20.41 ug/ml



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

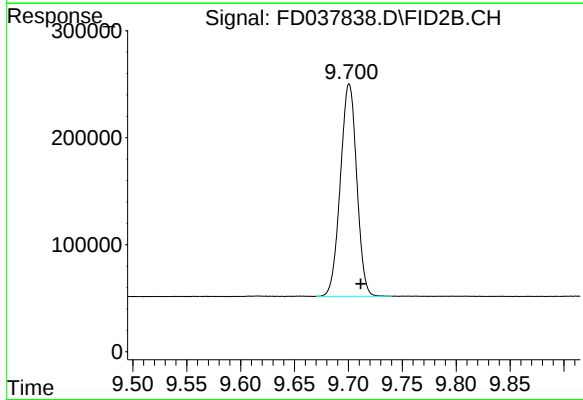
R.T.: 6.936 min  
Delta R.T.: -0.011 min  
Response: 2374480  
Conc: 20.51 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



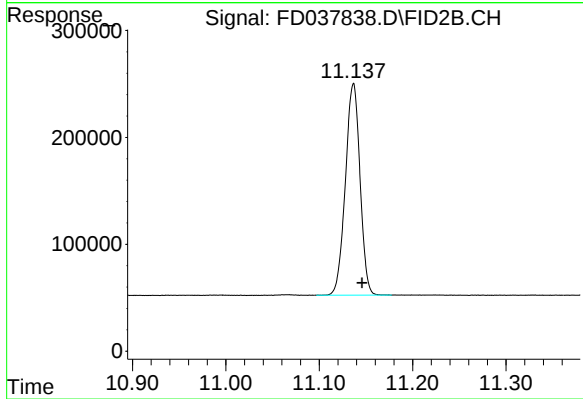
#6 n-Tetradecane (C14)

R.T.: 8.107 min  
Delta R.T.: -0.012 min  
Response: 2131643  
Conc: 20.45 ug/ml



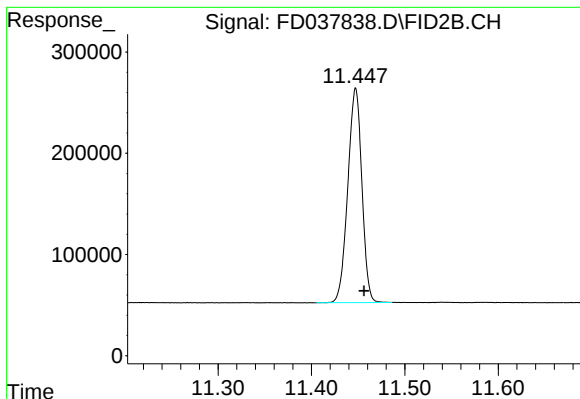
#7 n-Hexadecane (C16)

R.T.: 9.701 min  
Delta R.T.: -0.011 min  
Response: 2102345  
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

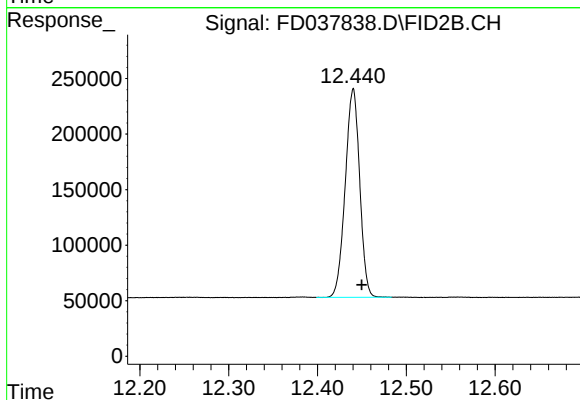
R.T.: 11.137 min  
Delta R.T.: -0.009 min  
Response: 2155286  
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

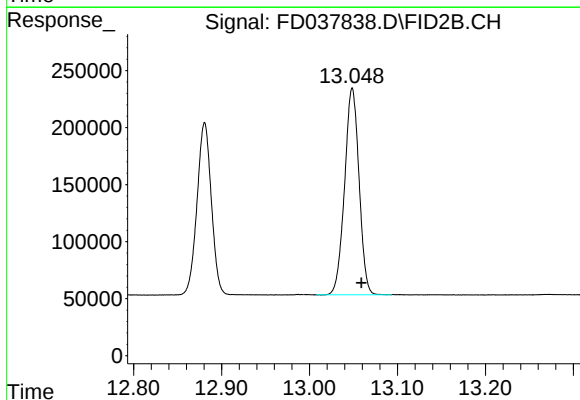
R.T.: 11.447 min  
Delta R.T.: -0.009 min  
Response: 2215790  
Conc: 18.90 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



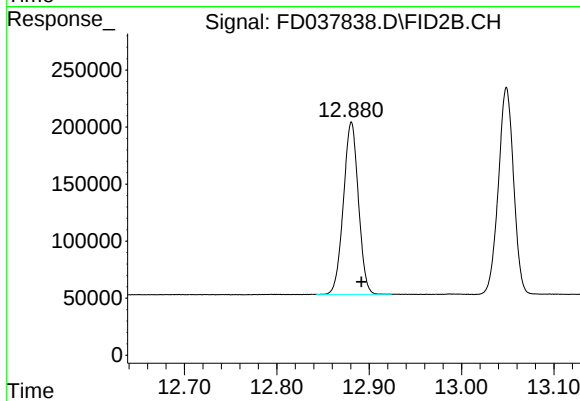
#10 n-Eicosane (C20)

R.T.: 12.440 min  
Delta R.T.: -0.009 min  
Response: 2123478  
Conc: 19.48 ug/ml



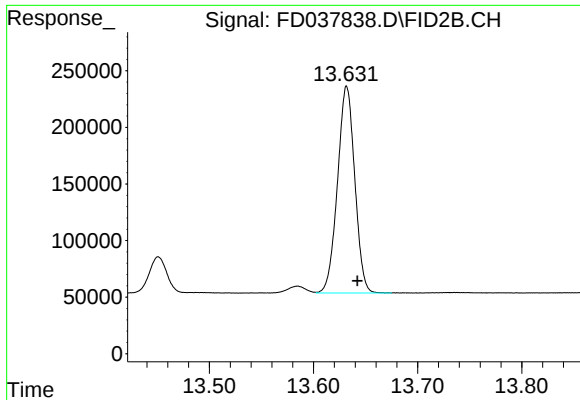
#11 n-Heneicosane (C21)

R.T.: 13.049 min  
Delta R.T.: -0.010 min  
Response: 2072734  
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

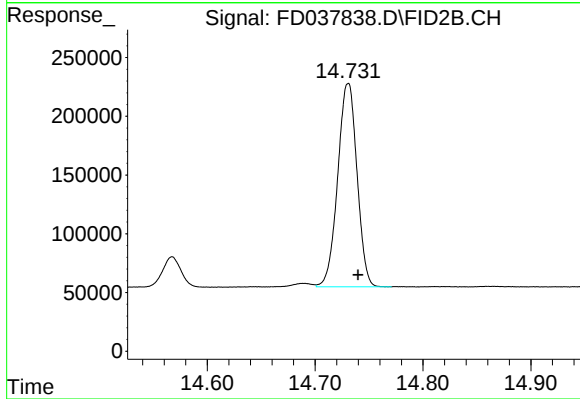
R.T.: 12.881 min  
Delta R.T.: -0.011 min  
Response: 1701734  
Conc: 18.73 ug/ml



#13 n-Docosane (C22)

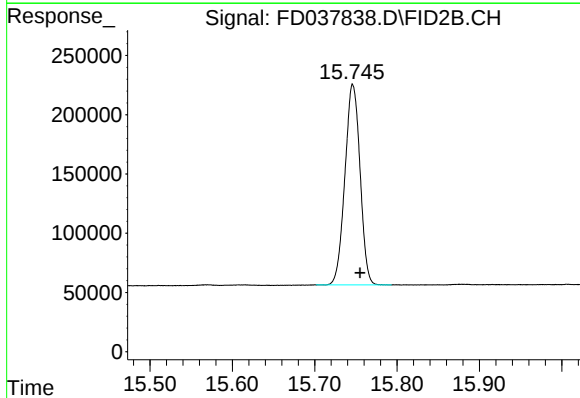
R.T.: 13.632 min  
Delta R.T.: -0.010 min  
Response: 2104894  
Conc: 19.38 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



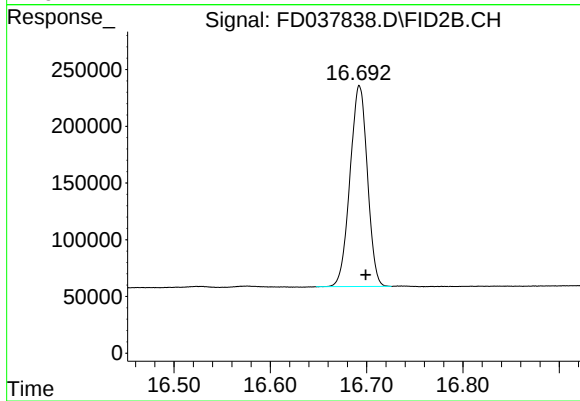
#14 n-Tetracosane (C24)

R.T.: 14.731 min  
Delta R.T.: -0.009 min  
Response: 2154734  
Conc: 19.89 ug/ml



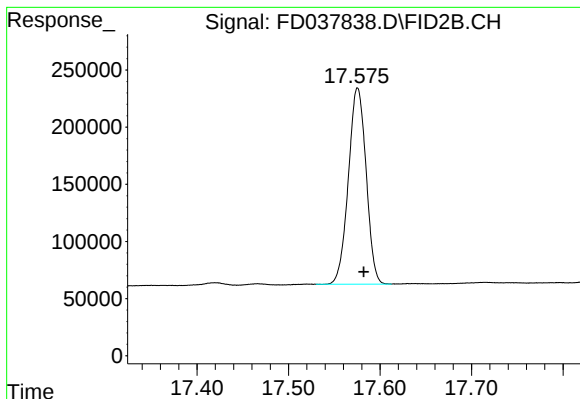
#15 n-Hexacosane (C26)

R.T.: 15.746 min  
Delta R.T.: -0.009 min  
Response: 2160527  
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.693 min  
Delta R.T.: -0.007 min  
Response: 2217007  
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

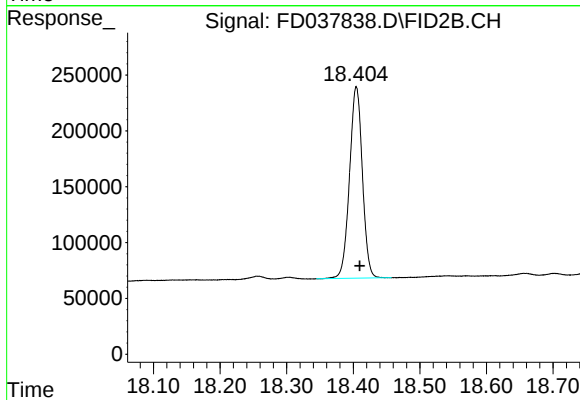
R.T.: 17.575 min

Delta R.T.: -0.007 min

Response: 2311879

Conc: 21.96 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



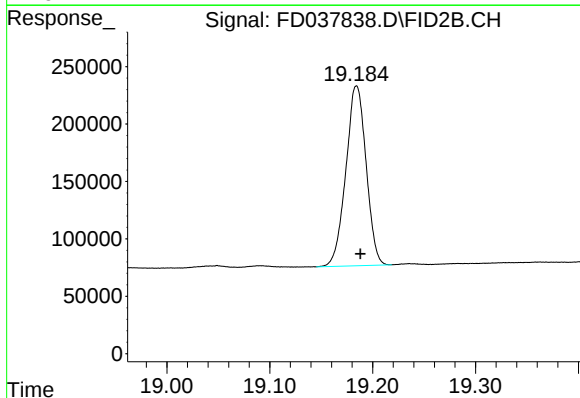
#18 n-Dotriacontane (C32)

R.T.: 18.405 min

Delta R.T.: -0.005 min

Response: 2303535

Conc: 22.11 ug/ml



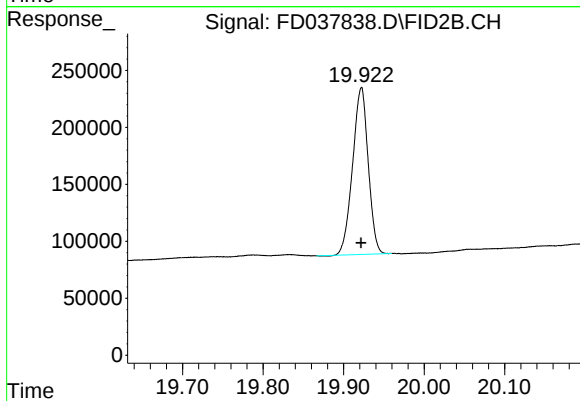
#19 n-Tetratriacontane (C34)

R.T.: 19.184 min

Delta R.T.: -0.004 min

Response: 2143536

Conc: 21.09 ug/ml



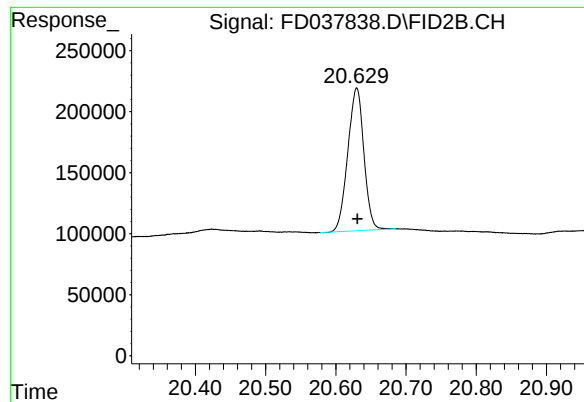
#20 n-Hexatriacontane (C36)

R.T.: 19.922 min

Delta R.T.: 0.000 min

Response: 1970549

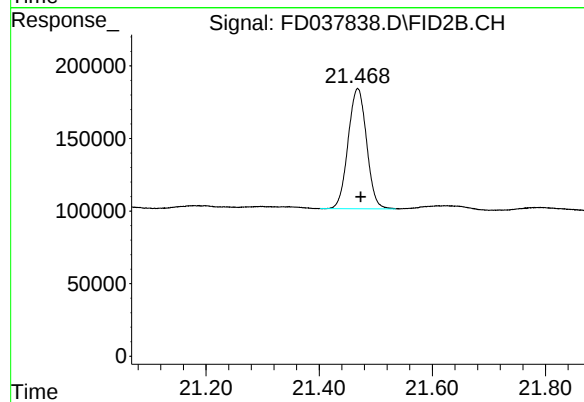
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.630 min  
Delta R.T.: 0.000 min  
Response: 1861220  
Conc: 20.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.468 min  
Delta R.T.: -0.005 min  
Response: 1875502  
Conc: 19.48 ug/ml