

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110420AL\  
 Data File : FD035332.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Nov 2020 5:07  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Nov 05 07:14:50 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 11:48:08 2020  
 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)    | 11.540 | 2703831    | 20.785 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.57%       |
| 12) S 1-chlorooctadecane (S... | 12.971 | 2159729    | 20.723 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.45%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.332  | 2354217    | 20.907 ug/ml |
| 2) T n-Decane (C10)            | 4.396  | 2375018    | 21.017 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.976  | 2597904    | 21.243 ug/ml |
| 4) T n-Dodecane (C12)          | 6.406  | 2438062    | 21.088 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.027  | 2668038    | 21.323 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.195  | 2451760    | 21.290 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.788  | 2424848    | 21.221 ug/ml |
| 8) T n-Octadecane (C18)        | 11.224 | 2540828    | 21.055 ug/ml |
| 10) T n-Eicosane (C20)         | 12.529 | 2559061    | 20.868 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.138 | 2547195    | 20.718 ug/ml |
| 13) T n-Docosane (C22)         | 13.721 | 2561851    | 20.776 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.819 | 2582098    | 20.871 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.836 | 2510370    | 20.395 ug/ml |
| 16) T n-Octacosane (C28)       | 16.780 | 2453994    | 19.932 ug/ml |
| 17) T n-Tricontane (C30)       | 17.662 | 2348471    | 19.432 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.490 | 2138732    | 19.021 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.268 | 1940350    | 18.487 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.003 | 1764058    | 18.415 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.724 | 1697821    | 19.114 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.602 | 1748024    | 19.918 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

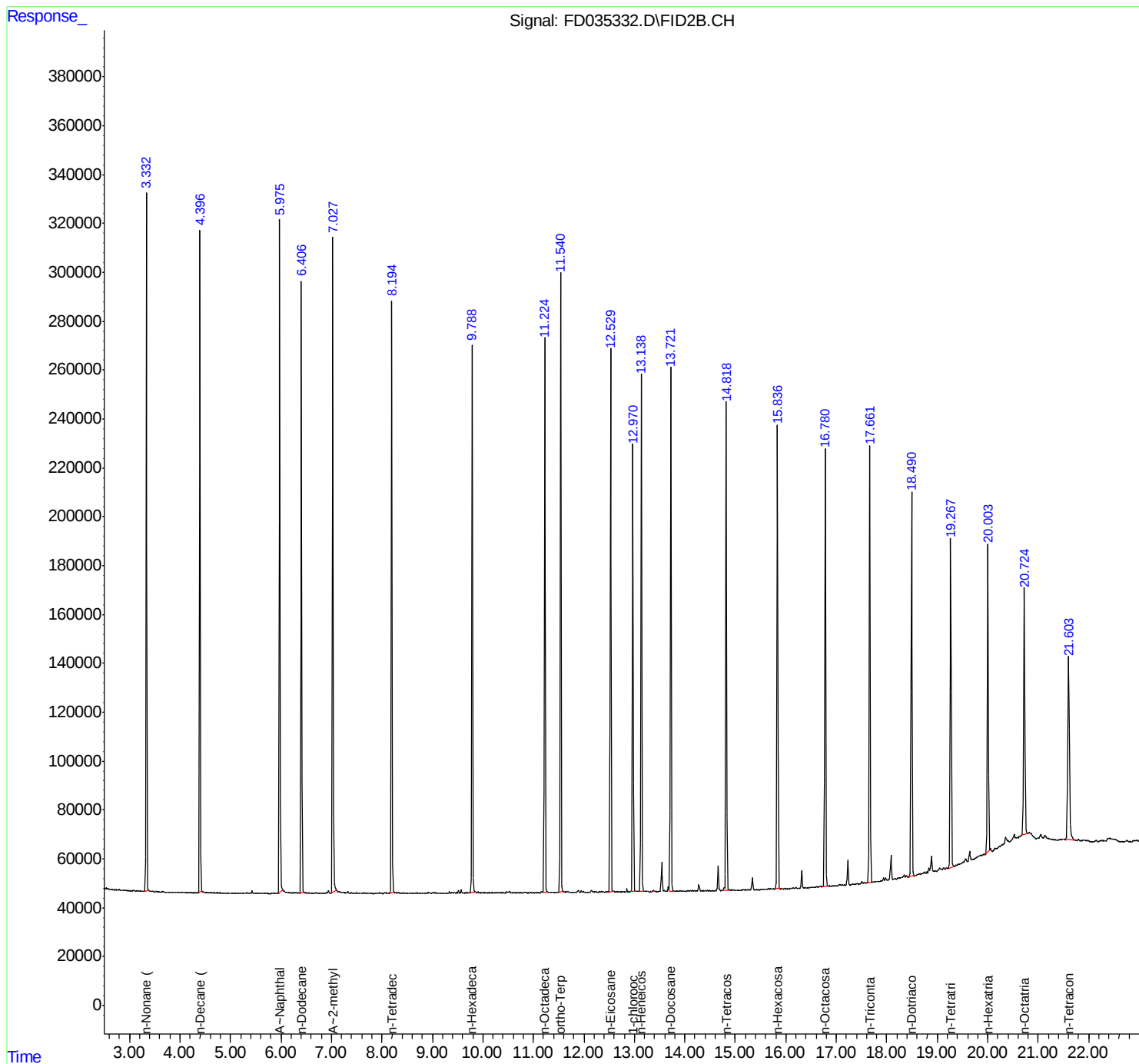
(m)=manual int.

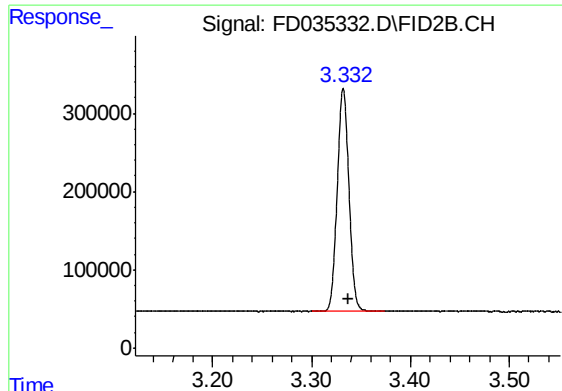
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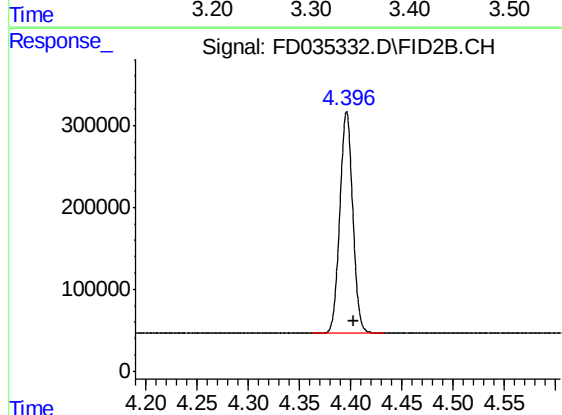




#1 n-Nonane (C9)

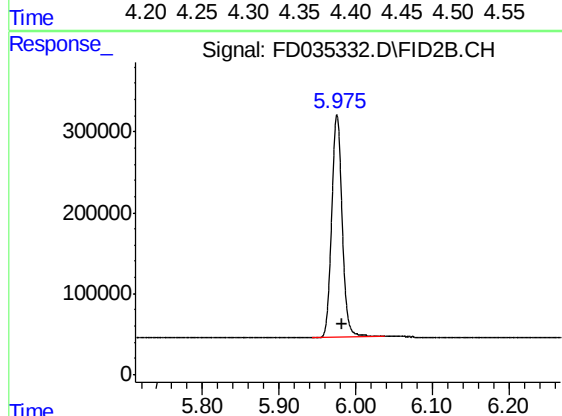
R.T.: 3.332 min  
Delta R.T.: -0.005 min  
Response: 2354217  
Conc: 20.91 ug/ml

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



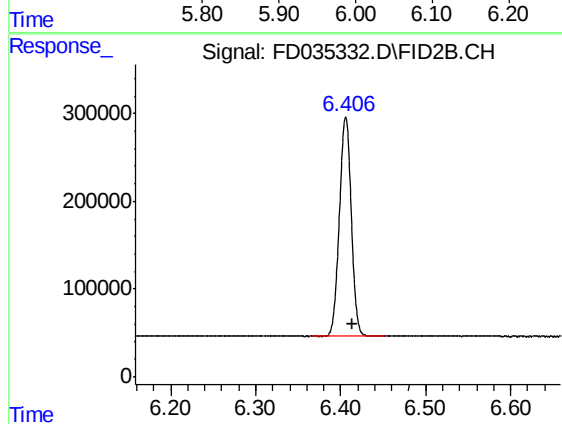
#2 n-Decane (C10)

R.T.: 4.396 min  
Delta R.T.: -0.006 min  
Response: 2375018  
Conc: 21.02 ug/ml



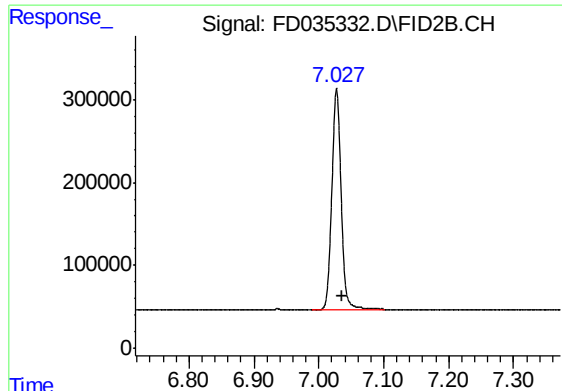
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min  
Delta R.T.: -0.007 min  
Response: 2597904  
Conc: 21.24 ug/ml



#4 n-Dodecane (C12)

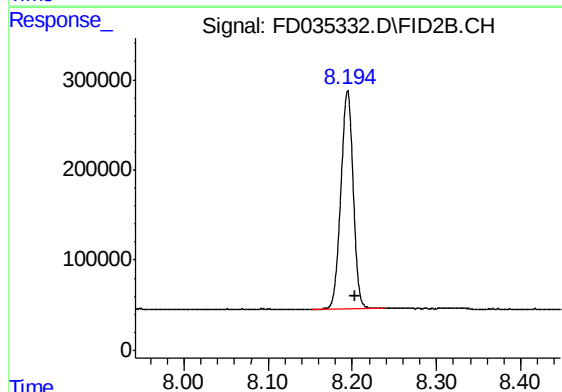
R.T.: 6.406 min  
Delta R.T.: -0.008 min  
Response: 2438062  
Conc: 21.09 ug/ml



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

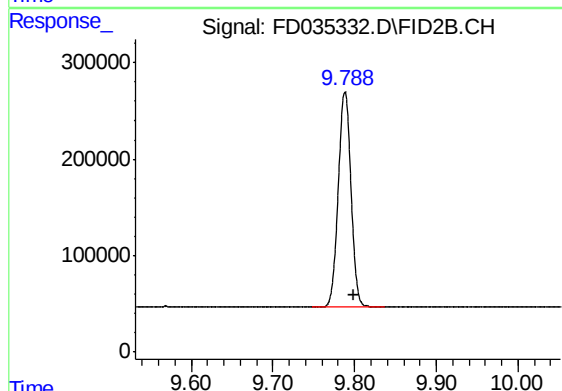
R.T.: 7.027 min  
Delta R.T.: -0.009 min  
Response: 2668038  
Conc: 21.32 ug/ml

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



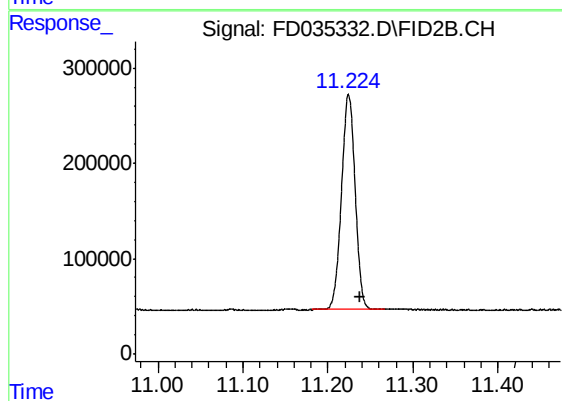
#6 n-Tetradecane (C14)

R.T.: 8.195 min  
Delta R.T.: -0.009 min  
Response: 2451760  
Conc: 21.29 ug/ml



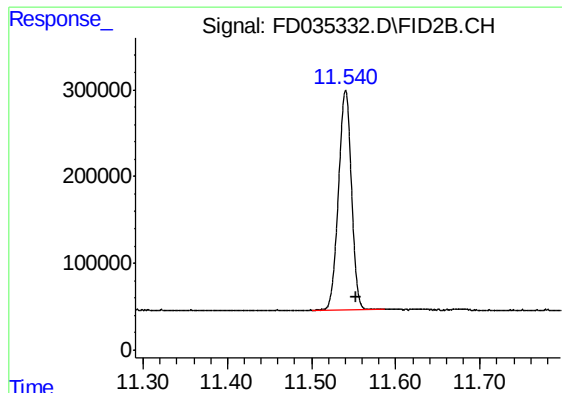
#7 n-Hexadecane (C16)

R.T.: 9.788 min  
Delta R.T.: -0.011 min  
Response: 2424848  
Conc: 21.22 ug/ml



#8 n-Octadecane (C18)

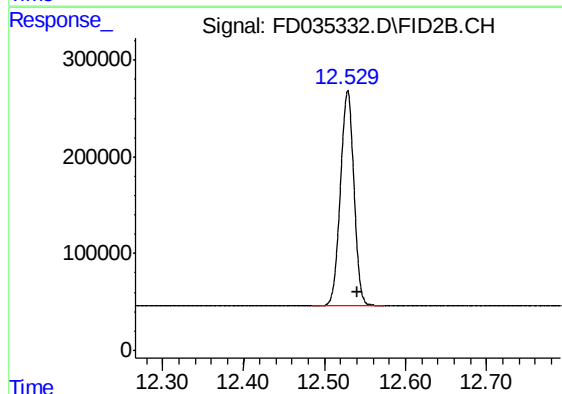
R.T.: 11.224 min  
Delta R.T.: -0.013 min  
Response: 2540828  
Conc: 21.05 ug/ml



#9 ortho-Terphenyl (SURR)

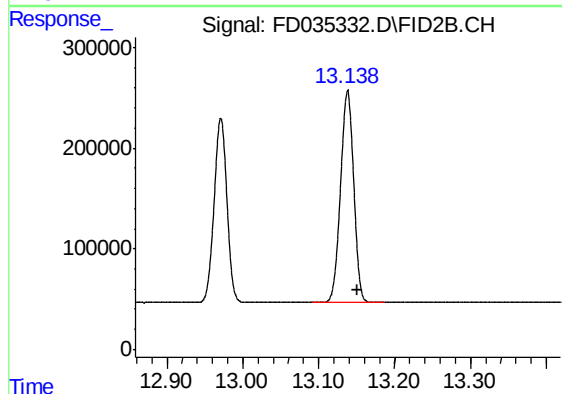
R.T.: 11.540 min  
Delta R.T.: -0.013 min  
Response: 2703831  
Conc: 20.79 ug/ml

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



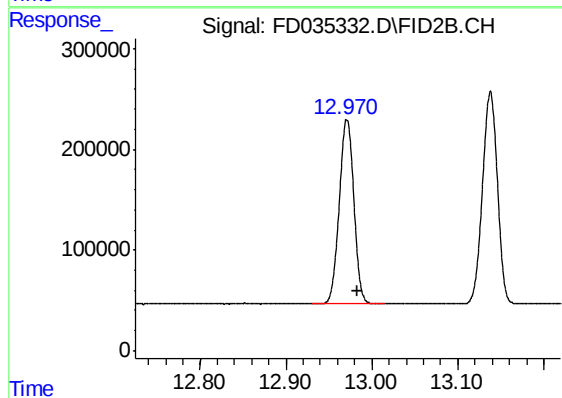
#10 n-Eicosane (C20)

R.T.: 12.529 min  
Delta R.T.: -0.012 min  
Response: 2559061  
Conc: 20.87 ug/ml



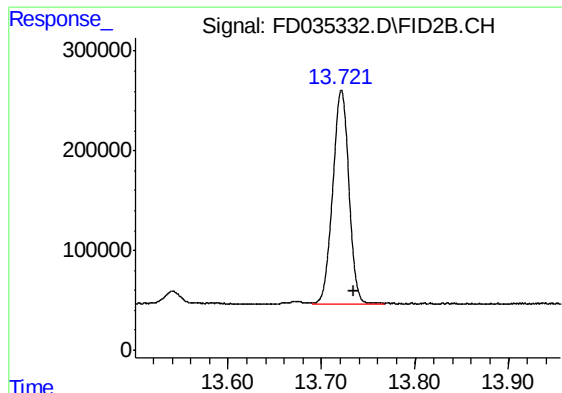
#11 n-Heneicosane (C21)

R.T.: 13.138 min  
Delta R.T.: -0.013 min  
Response: 2547195  
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

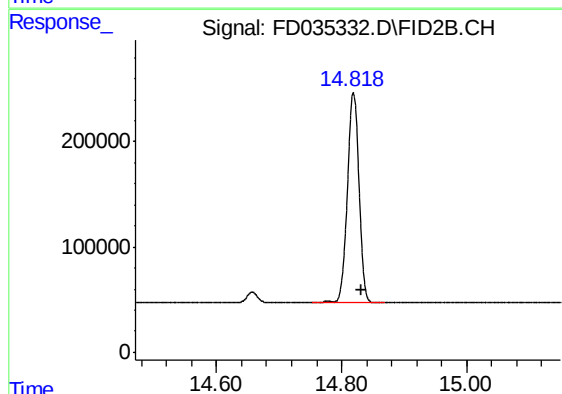
R.T.: 12.971 min  
Delta R.T.: -0.012 min  
Response: 2159729  
Conc: 20.72 ug/ml



#13 n-Docosane (C22)

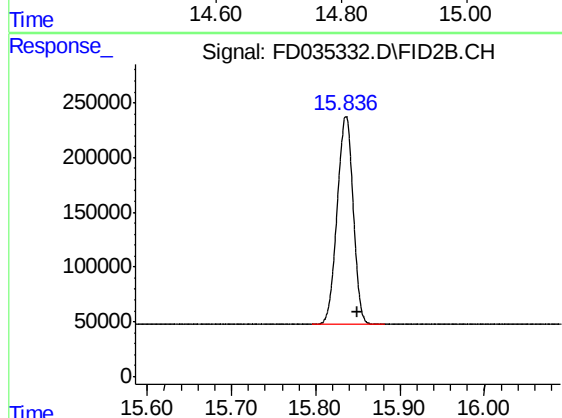
R.T.: 13.721 min  
Delta R.T.: -0.013 min  
Response: 2561851  
Conc: 20.78 ug/ml

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



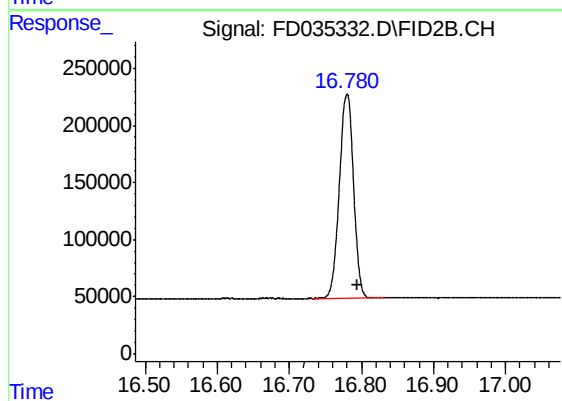
#14 n-Tetracosane (C24)

R.T.: 14.819 min  
Delta R.T.: -0.013 min  
Response: 2582098  
Conc: 20.87 ug/ml



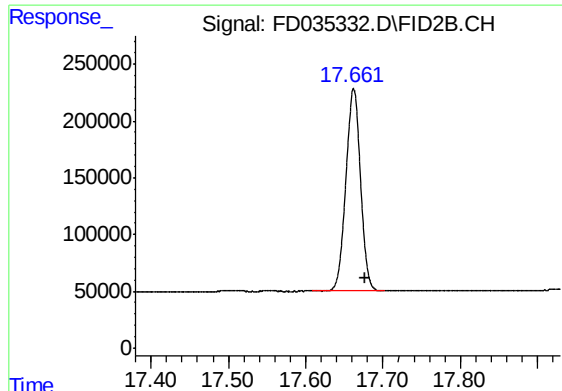
#15 n-Hexacosane (C26)

R.T.: 15.836 min  
Delta R.T.: -0.013 min  
Response: 2510370  
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

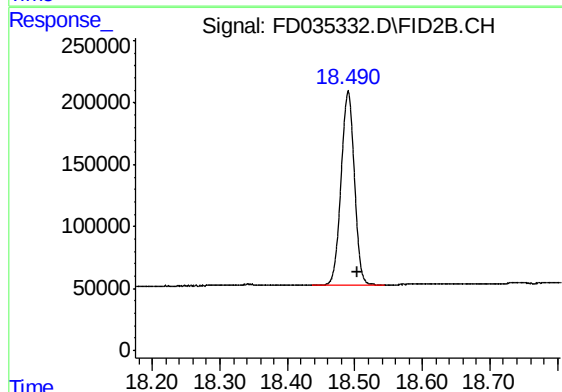
R.T.: 16.780 min  
Delta R.T.: -0.014 min  
Response: 2453994  
Conc: 19.93 ug/ml



#17 n-Tricontane (C30)

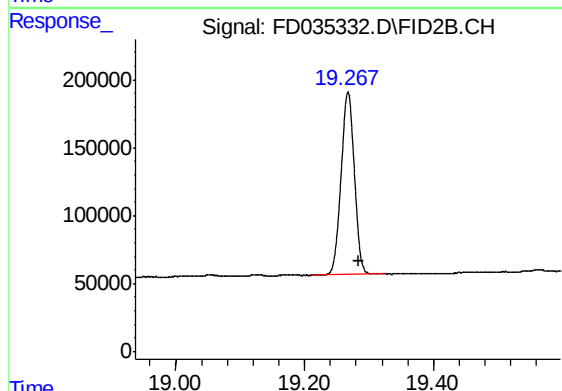
R.T.: 17.662 min  
Delta R.T.: -0.014 min  
Response: 2348471  
Conc: 19.43 ug/ml

Instrument :  
FID\_D  
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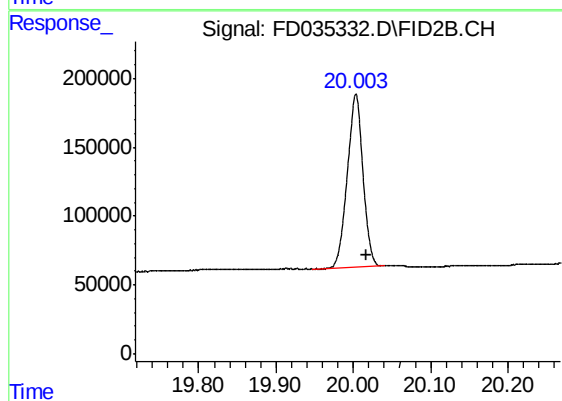
#18 n-Dotriacontane (C32)

R.T.: 18.490 min  
Delta R.T.: -0.013 min  
Response: 2138732  
Conc: 19.02 ug/ml



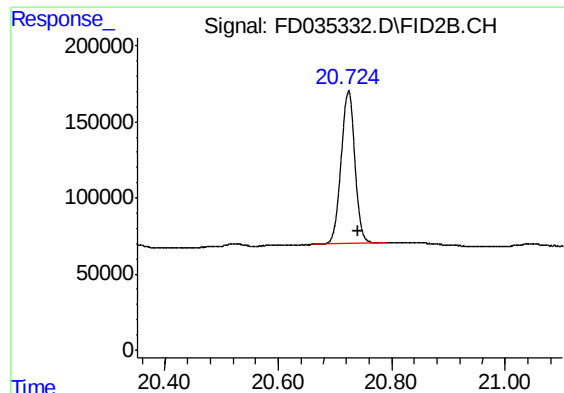
#19 n-Tetatriacontane (C34)

R.T.: 19.268 min  
Delta R.T.: -0.016 min  
Response: 1940350  
Conc: 18.49 ug/ml



#20 n-Hexatriacontane (C36)

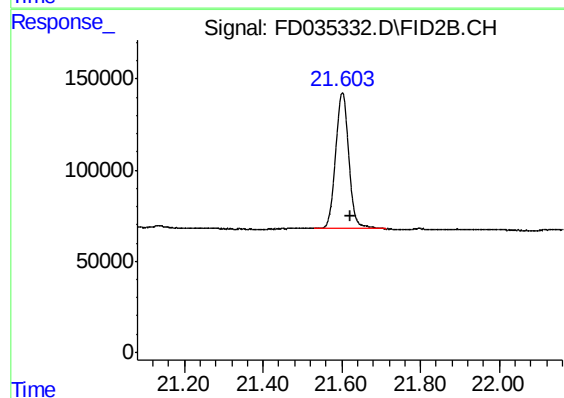
R.T.: 20.003 min  
Delta R.T.: -0.014 min  
Response: 1764058  
Conc: 18.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min  
Delta R.T.: -0.017 min  
Response: 1697821  
Conc: 19.11 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.602 min  
Delta R.T.: -0.022 min  
Response: 1748024  
Conc: 19.92 ug/ml