

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082719AL\  
 Data File : FD030312.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Aug 2019 12:40  
 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: Aug 27 23:50:12 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 080819.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 08 17:24:17 2019  
 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)    | 11.541 | 2691882    | 19.584 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.17%       |
| 12) S 1-chlorooctadecane (S... | 12.967 | 2164703    | 18.980 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.96%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.345  | 2698657    | 22.550 ug/ml |
| 2) T n-Decane (C10)            | 4.406  | 2752449    | 22.633 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.983  | 3052654    | 22.174 ug/ml |
| 4) T n-Dodecane (C12)          | 6.414  | 2745092    | 22.512 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.035  | 3031878    | 21.922 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.200  | 2728046    | 22.117 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.792  | 2685891    | 21.510 ug/ml |
| 8) T n-Octadecane (C18)        | 11.224 | 2628726    | 20.561 ug/ml |
| 10) T n-Eicosane (C20)         | 12.525 | 2553262    | 19.666 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.133 | 2492365    | 19.191 ug/ml |
| 13) T n-Docosane (C22)         | 13.715 | 2439688    | 18.684 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.810 | 2350699    | 17.910 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.824 | 2232155    | 17.306 ug/ml |
| 16) T n-Octacosane (C28)       | 16.766 | 2171944    | 17.118 ug/ml |
| 17) T n-Tricontane (C30)       | 17.646 | 2105903    | 17.378 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.472 | 1981127    | 17.668 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.247 | 1716927    | 19.364 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.980 | 1574858    | 21.190 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.693 | 1648744    | 24.770 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.557 | 1490974    | 21.108 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

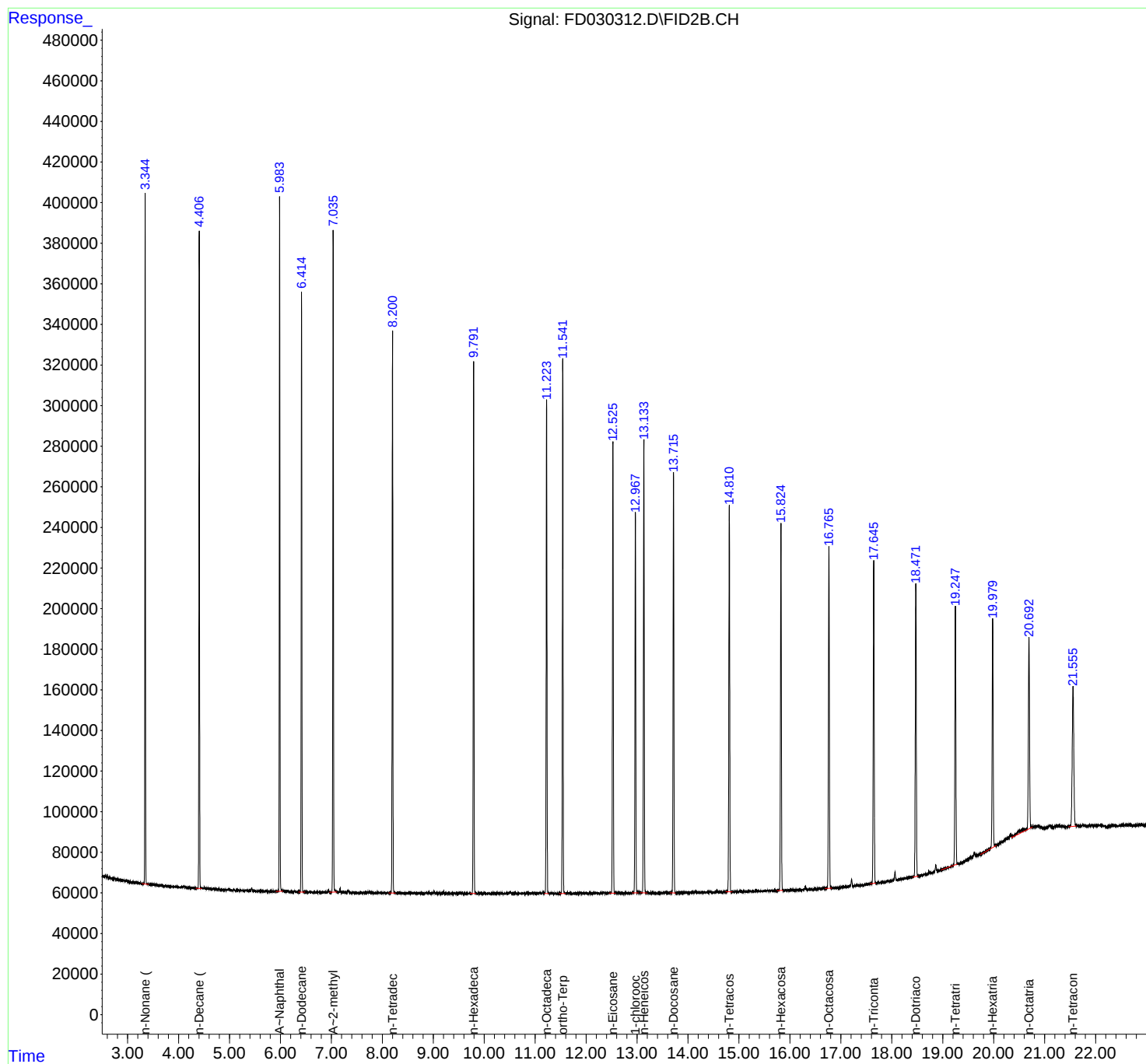
(m)=manual int.

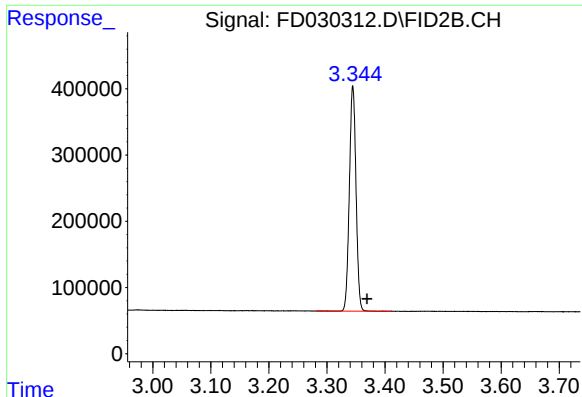
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082719AL\  
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Volume Inj. : 1 ul  
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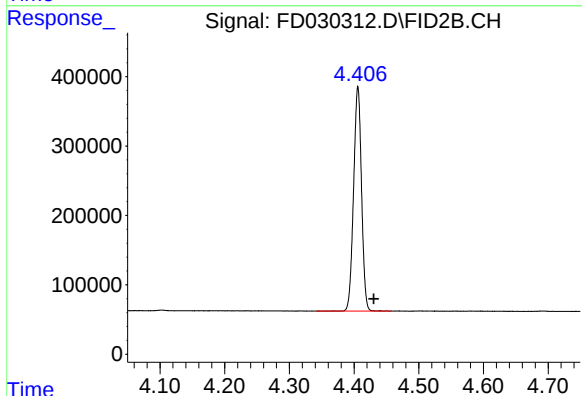




#1 n-Nonane (C9)

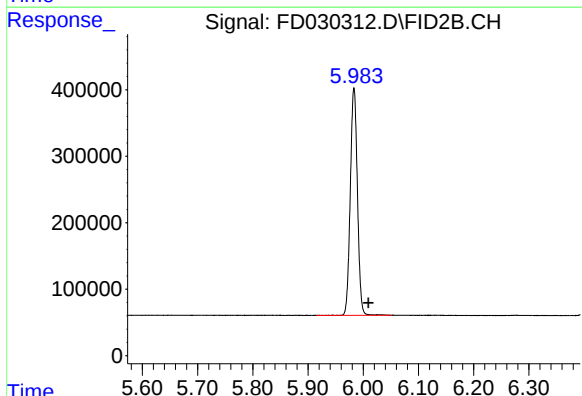
R.T.: 3.345 min  
Delta R.T.: -0.024 min  
Response: 2698657  
Conc: 22.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



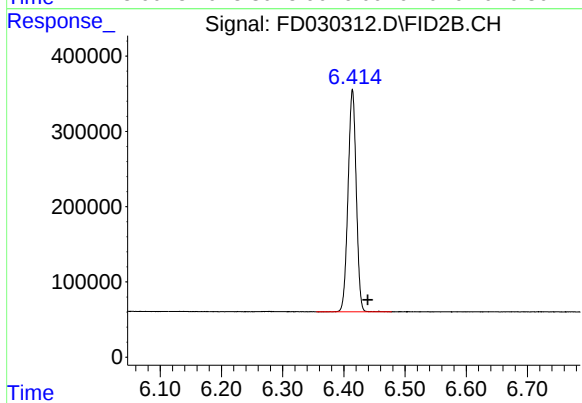
#2 n-Decane (C10)

R.T.: 4.406 min  
Delta R.T.: -0.025 min  
Response: 2752449  
Conc: 22.63 ug/ml



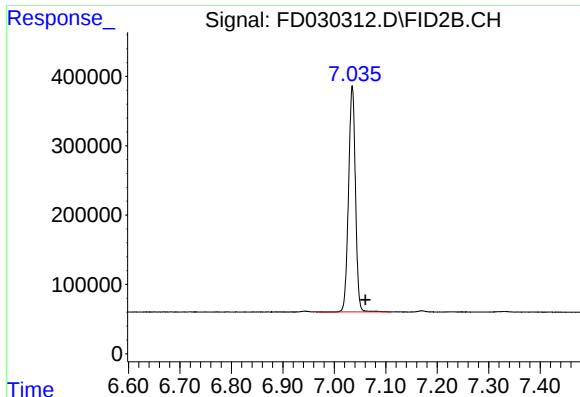
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min  
Delta R.T.: -0.026 min  
Response: 3052654  
Conc: 22.17 ug/ml



#4 n-Dodecane (C12)

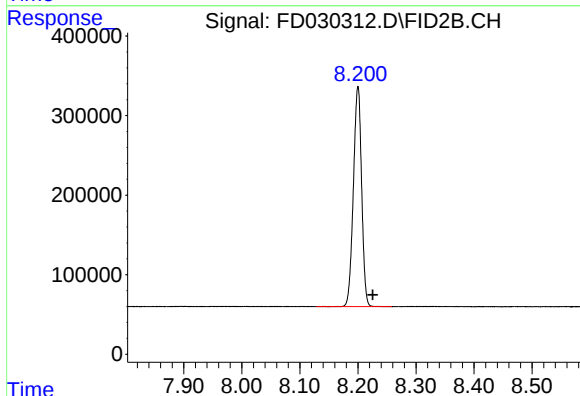
R.T.: 6.414 min  
Delta R.T.: -0.025 min  
Response: 2745092  
Conc: 22.51 ug/ml



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

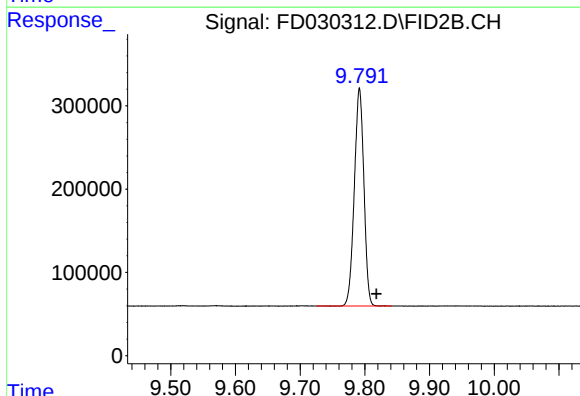
R.T.: 7.035 min  
Delta R.T.: -0.026 min  
Response: 3031878  
Conc: 21.92 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



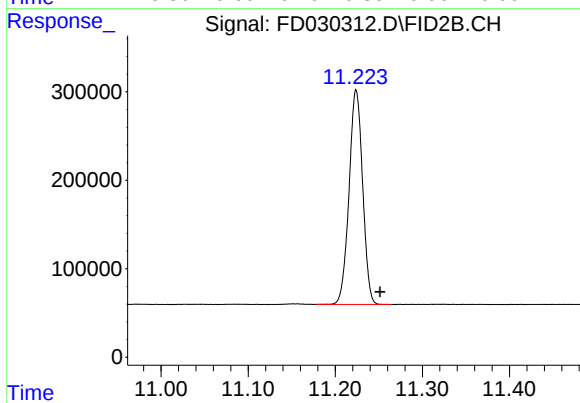
#6 n-Tetradecane (C14)

R.T.: 8.200 min  
Delta R.T.: -0.025 min  
Response: 2728046  
Conc: 22.12 ug/ml



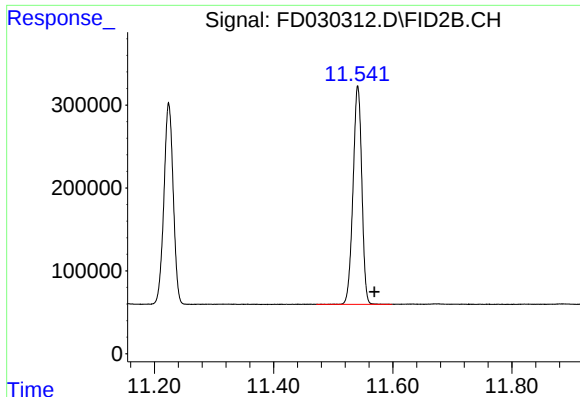
#7 n-Hexadecane (C16)

R.T.: 9.792 min  
Delta R.T.: -0.026 min  
Response: 2685891  
Conc: 21.51 ug/ml



#8 n-Octadecane (C18)

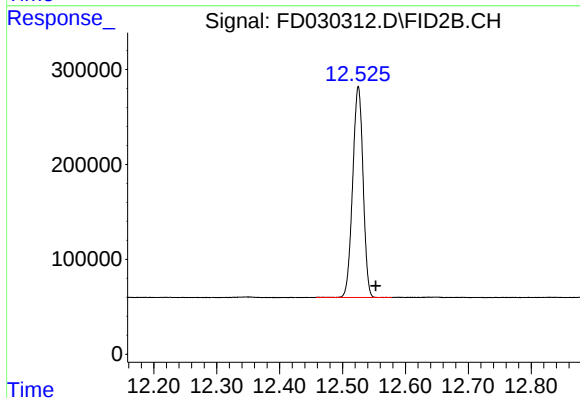
R.T.: 11.224 min  
Delta R.T.: -0.027 min  
Response: 2628726  
Conc: 20.56 ug/ml



#9 ortho-Terphenyl (SURR)

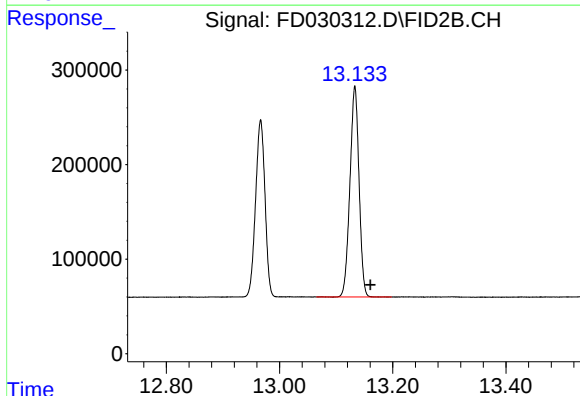
R.T.: 11.541 min  
Delta R.T.: -0.028 min  
Response: 2691882  
Conc: 19.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



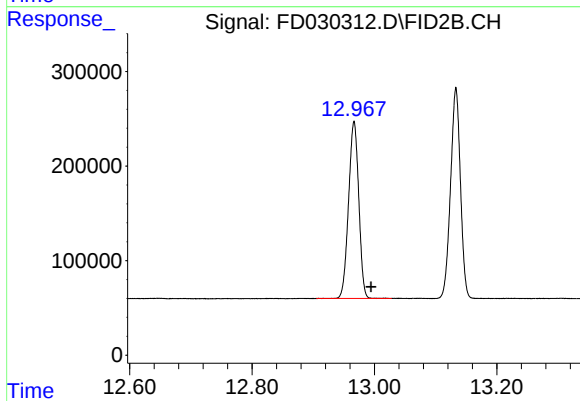
#10 n-Eicosane (C20)

R.T.: 12.525 min  
Delta R.T.: -0.028 min  
Response: 2553262  
Conc: 19.67 ug/ml



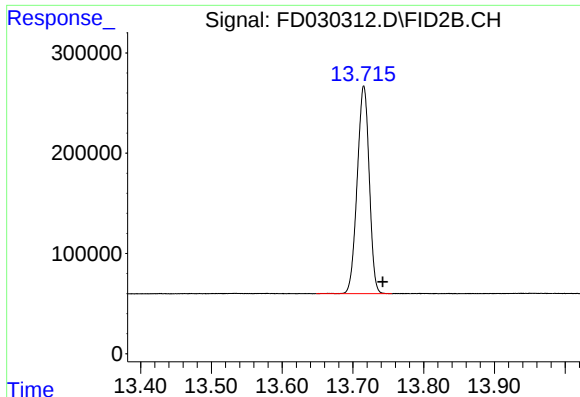
#11 n-Heneicosane (C21)

R.T.: 13.133 min  
Delta R.T.: -0.027 min  
Response: 2492365  
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

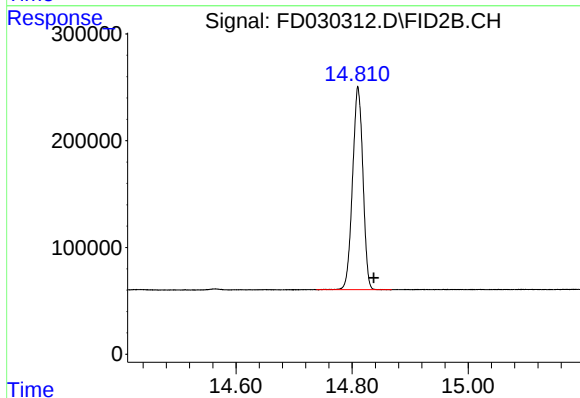
R.T.: 12.967 min  
Delta R.T.: -0.028 min  
Response: 2164703  
Conc: 18.98 ug/ml



#13 n-Docosane (C22)

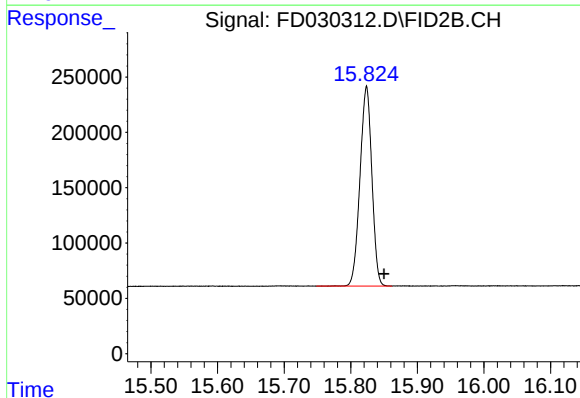
R.T.: 13.715 min  
Delta R.T.: -0.027 min  
Response: 2439688  
Conc: 18.68 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



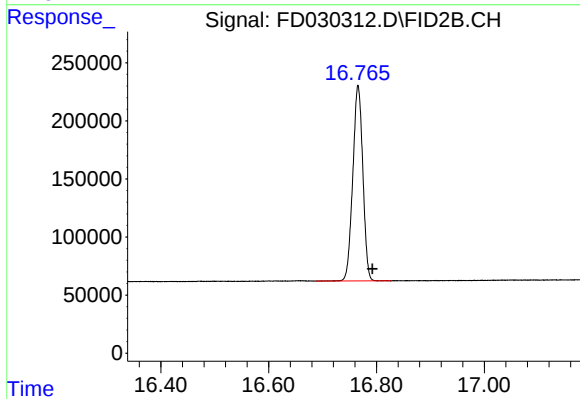
#14 n-Tetracosane (C24)

R.T.: 14.810 min  
Delta R.T.: -0.027 min  
Response: 2350699  
Conc: 17.91 ug/ml



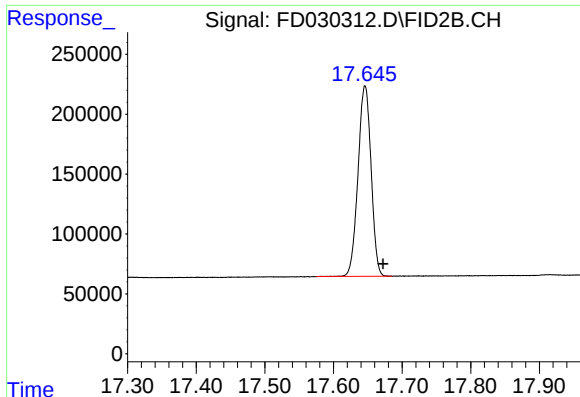
#15 n-Hexacosane (C26)

R.T.: 15.824 min  
Delta R.T.: -0.026 min  
Response: 2232155  
Conc: 17.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min  
Delta R.T.: -0.027 min  
Response: 2171944  
Conc: 17.12 ug/ml



#17 n-Tricontane (C30)

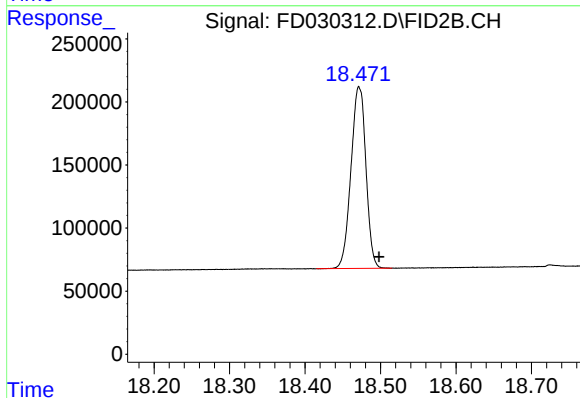
R.T.: 17.646 min

Delta R.T.: -0.026 min

Response: 2105903

Conc: 17.38 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



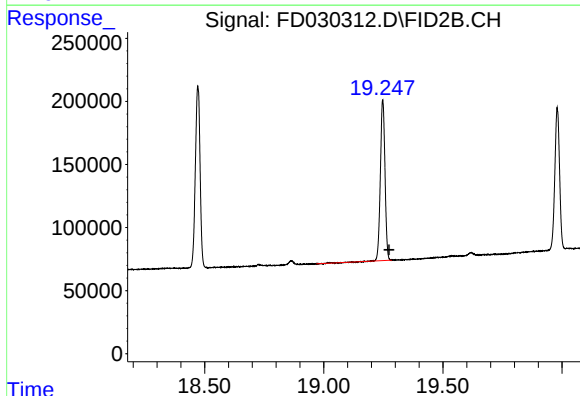
#18 n-Dotriacontane (C32)

R.T.: 18.472 min

Delta R.T.: -0.026 min

Response: 1981127

Conc: 17.67 ug/ml



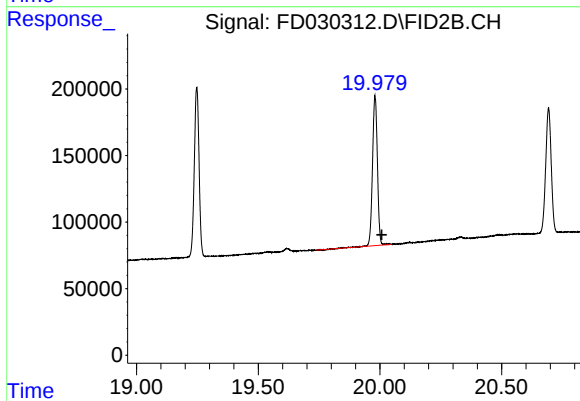
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min

Delta R.T.: -0.027 min

Response: 1716927

Conc: 19.36 ug/ml



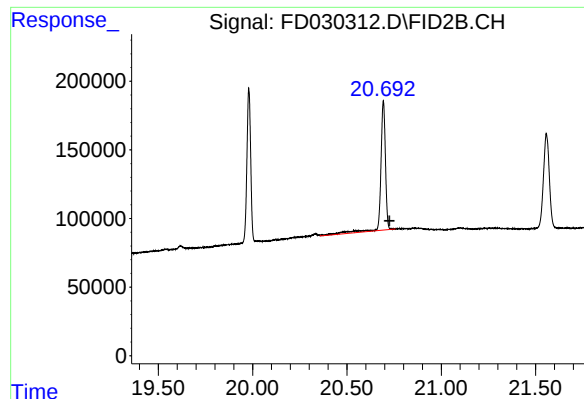
#20 n-Hexatriacontane (C36)

R.T.: 19.980 min

Delta R.T.: -0.027 min

Response: 1574858

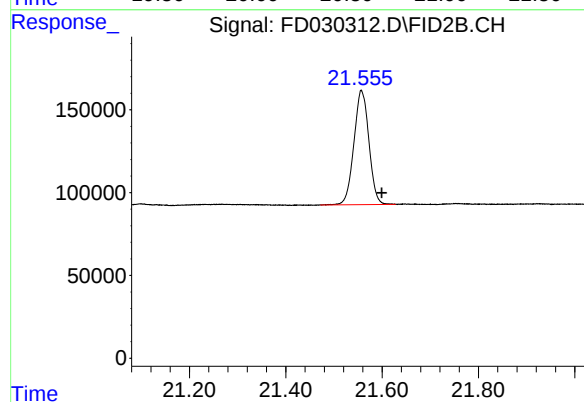
Conc: 21.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.693 min  
Delta R.T.: -0.032 min  
Response: 1648744  
Conc: 24.77 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.557 min  
Delta R.T.: -0.042 min  
Response: 1490974  
Conc: 21.11 ug/ml