

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101019AL\  
 Data File : FD030954.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Oct 2019 9:17  
 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: Oct 11 03:26:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 26 03:19:09 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)    | 11.450 | 2834336    | 20.206 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.41%       |
| 12) S 1-chlorooctadecane (S... | 12.879 | 2123021    | 19.567 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.13%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.276  | 2639178    | 22.466 ug/ml |
| 2) T n-Decane (C10)            | 4.332  | 2653188    | 22.598 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.903  | 2905716    | 22.270 ug/ml |
| 4) T n-Dodecane (C12)          | 6.335  | 2701670    | 22.703 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.952  | 2924681    | 22.186 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.118  | 2699259    | 22.400 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.708  | 2674831    | 21.872 ug/ml |
| 8) T n-Octadecane (C18)        | 11.139 | 2634421    | 21.149 ug/ml |
| 10) T n-Eicosane (C20)         | 12.438 | 2554891    | 20.260 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.045 | 2530278    | 19.790 ug/ml |
| 13) T n-Docosane (C22)         | 13.626 | 2479530    | 19.355 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.720 | 2392671    | 18.439 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.733 | 2279750    | 17.556 ug/ml |
| 16) T n-Octacosane (C28)       | 16.676 | 2204409    | 17.027 ug/ml |
| 17) T n-Tricontane (C30)       | 17.555 | 2171517    | 16.715 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.381 | 2104349    | 16.708 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.157 | 2060195    | 16.928 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.889 | 2038294    | 17.671 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.594 | 1974643    | 18.723 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.427 | 1998630    | 18.889 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

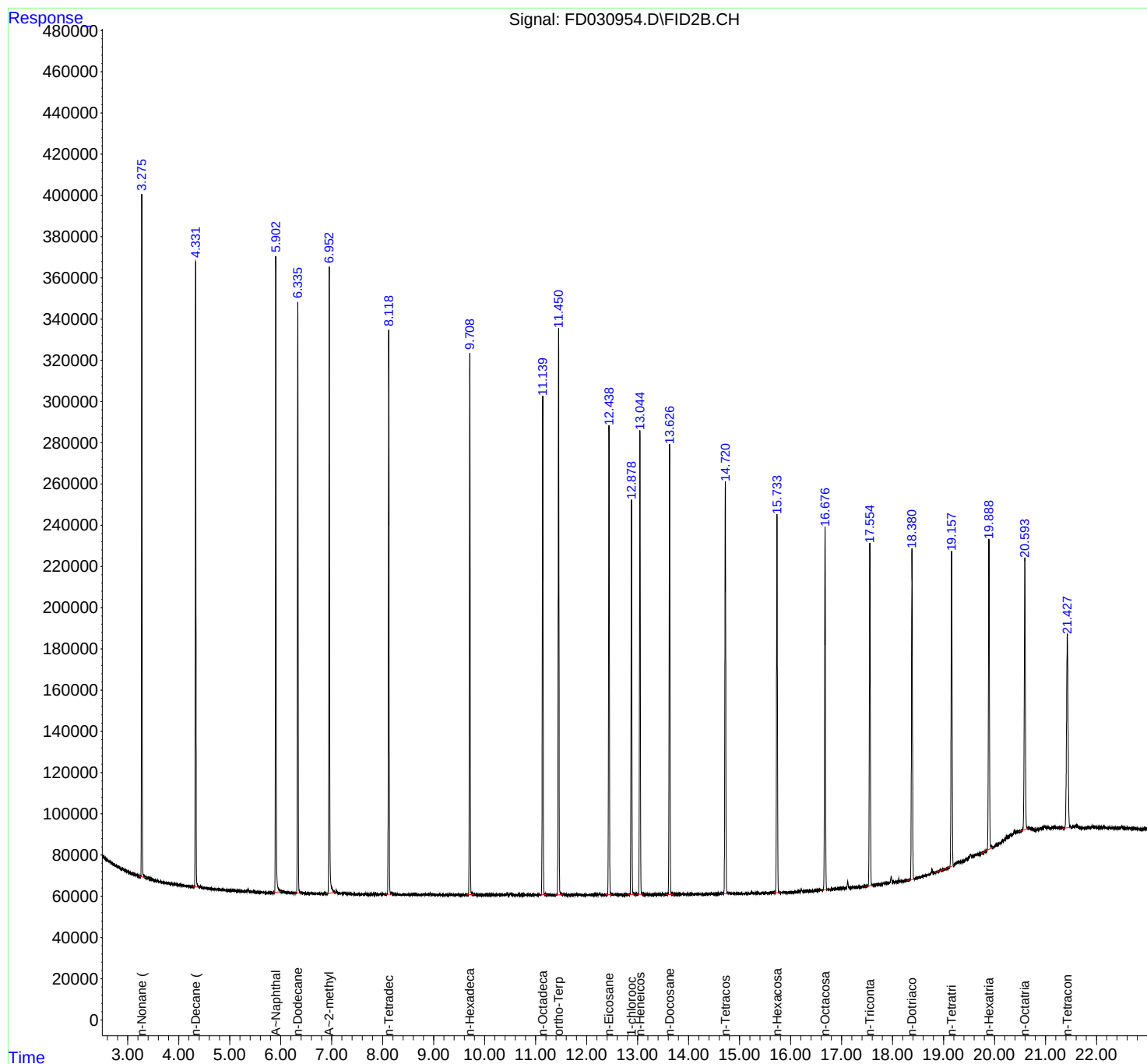
(m)=manual int.

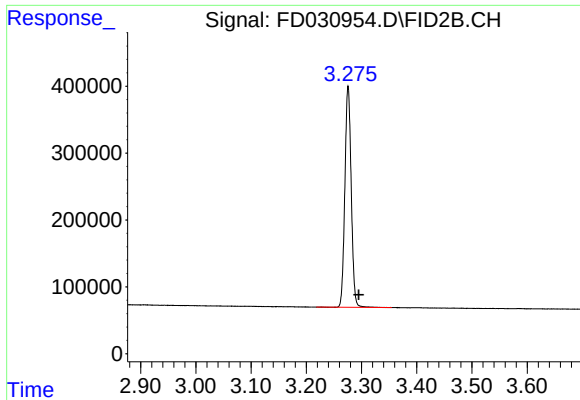
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101019AL\  
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Signal Info : 20M x 0.18mm x 0.18um

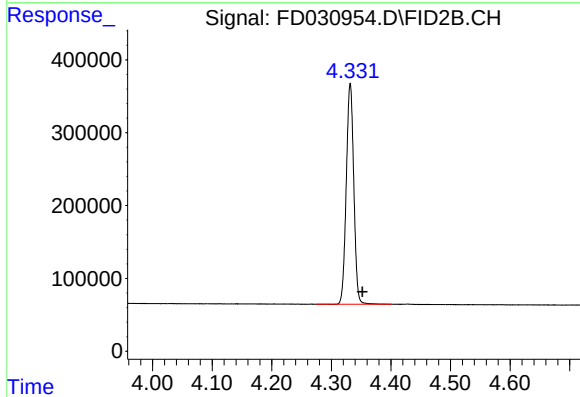




#1 n-Nonane (C9)

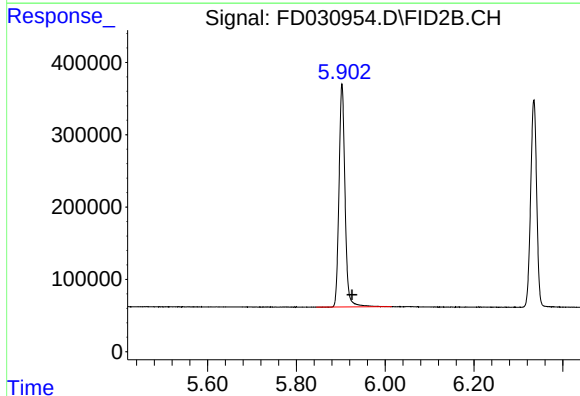
R.T.: 3.276 min  
Delta R.T.: -0.019 min  
Response: 2639178  
Conc: 22.47 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



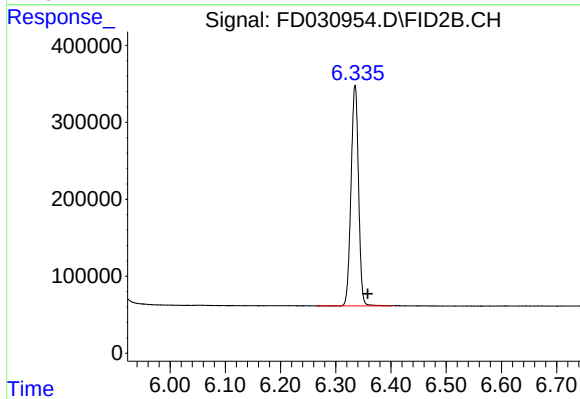
#2 n-Decane (C10)

R.T.: 4.332 min  
Delta R.T.: -0.021 min  
Response: 2653188  
Conc: 22.60 ug/ml



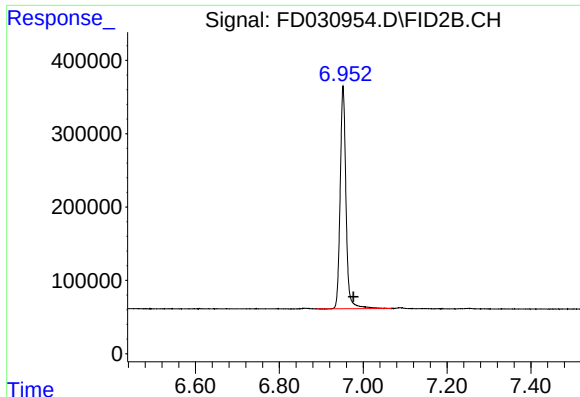
#3 A~Naphthalene (C11.7)

R.T.: 5.903 min  
Delta R.T.: -0.022 min  
Response: 2905716  
Conc: 22.27 ug/ml



#4 n-Dodecane (C12)

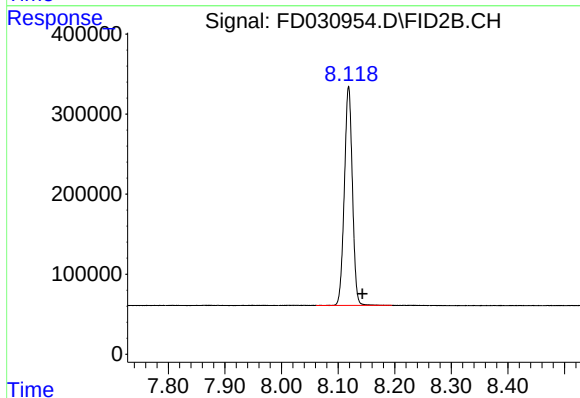
R.T.: 6.335 min  
Delta R.T.: -0.023 min  
Response: 2701670  
Conc: 22.70 ug/ml



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

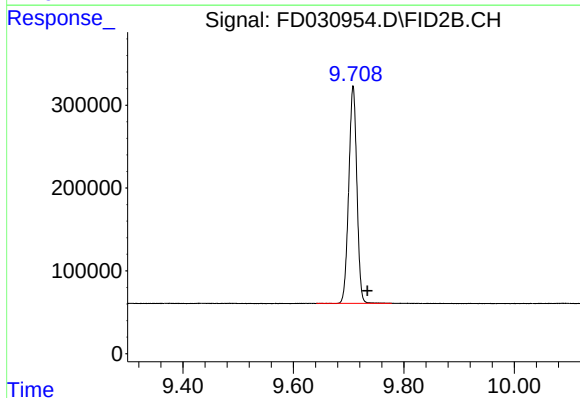
R.T.: 6.952 min  
Delta R.T.: -0.025 min  
Response: 2924681  
Conc: 22.19 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



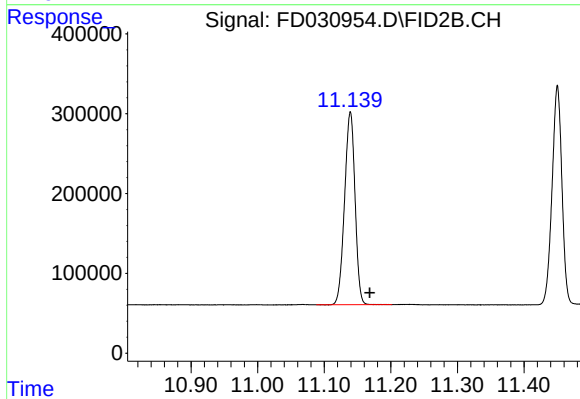
#6 n-Tetradecane (C14)

R.T.: 8.118 min  
Delta R.T.: -0.024 min  
Response: 2699259  
Conc: 22.40 ug/ml



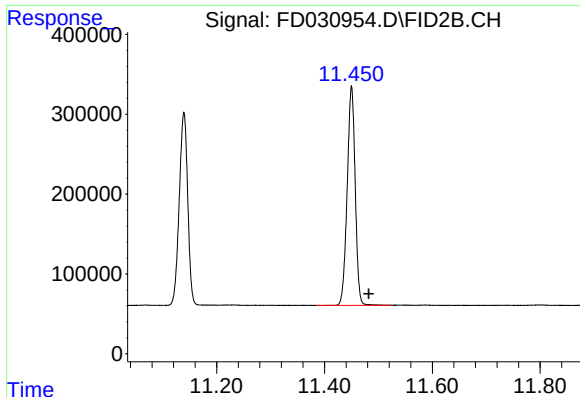
#7 n-Hexadecane (C16)

R.T.: 9.708 min  
Delta R.T.: -0.026 min  
Response: 2674831  
Conc: 21.87 ug/ml



#8 n-Octadecane (C18)

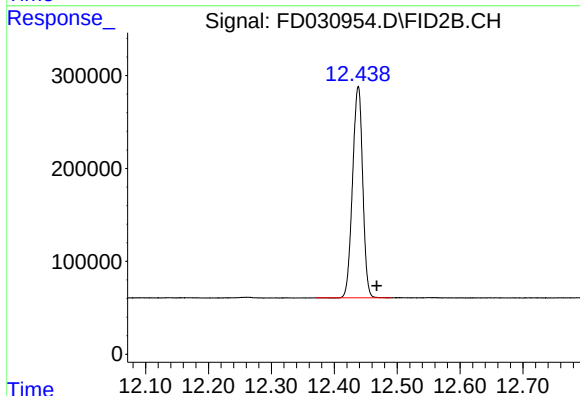
R.T.: 11.139 min  
Delta R.T.: -0.029 min  
Response: 2634421  
Conc: 21.15 ug/ml



#9 ortho-Terphenyl (SURR)

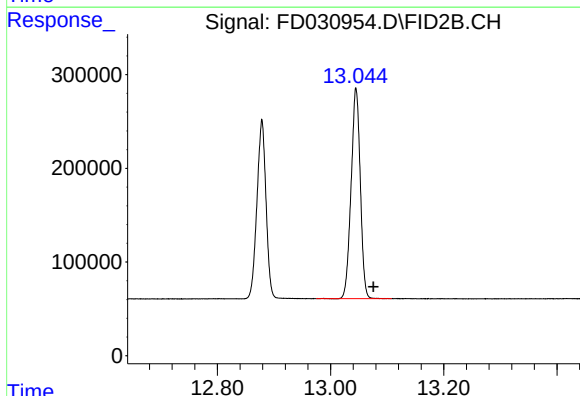
R.T.: 11.450 min  
Delta R.T.: -0.032 min  
Response: 2834336  
Conc: 20.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



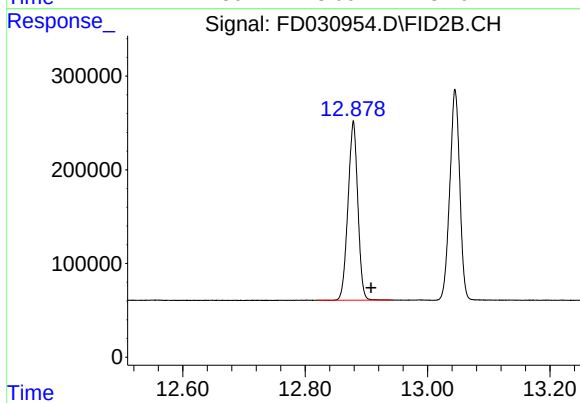
#10 n-Eicosane (C20)

R.T.: 12.438 min  
Delta R.T.: -0.030 min  
Response: 2554891  
Conc: 20.26 ug/ml



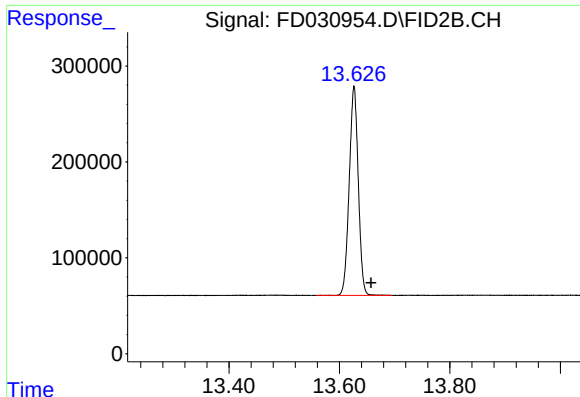
#11 n-Heneicosane (C21)

R.T.: 13.045 min  
Delta R.T.: -0.030 min  
Response: 2530278  
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

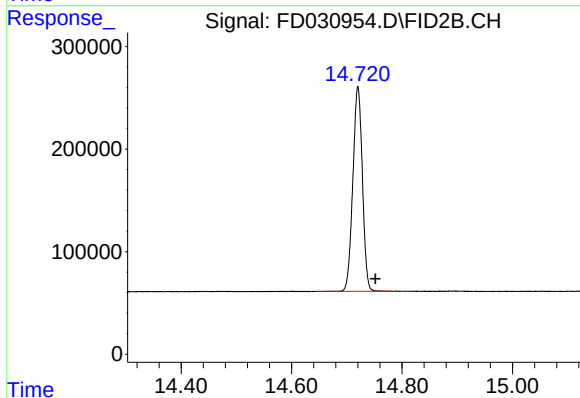
R.T.: 12.879 min  
Delta R.T.: -0.029 min  
Response: 2123021  
Conc: 19.57 ug/ml



#13 n-Docosane (C22)

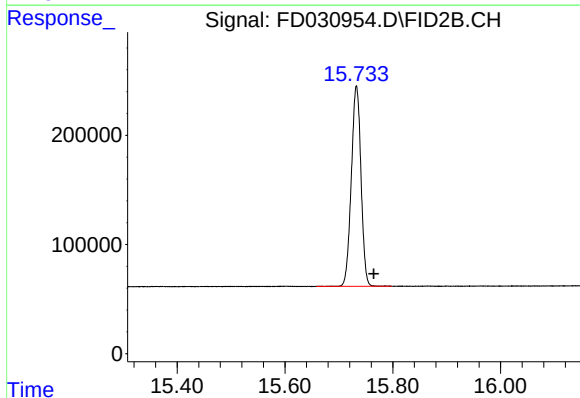
R.T.: 13.626 min  
Delta R.T.: -0.031 min  
Response: 2479530  
Conc: 19.36 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



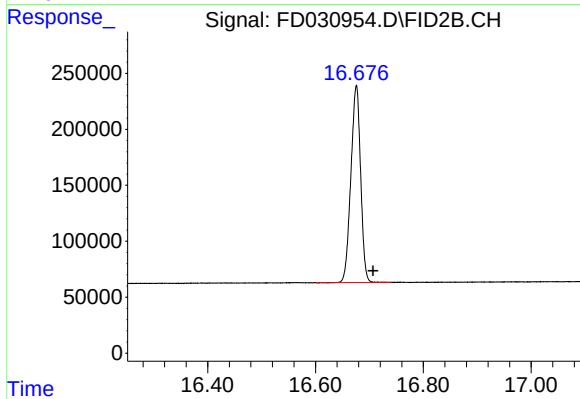
#14 n-Tetracosane (C24)

R.T.: 14.720 min  
Delta R.T.: -0.032 min  
Response: 2392671  
Conc: 18.44 ug/ml



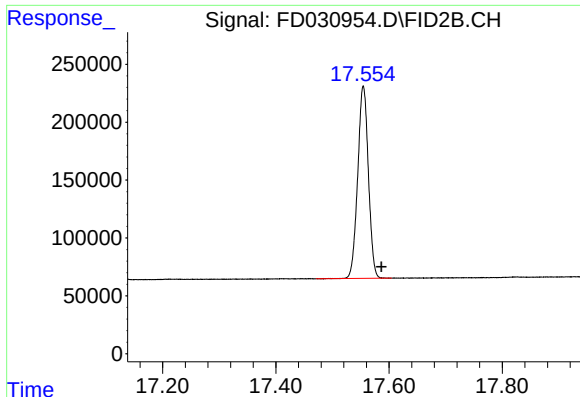
#15 n-Hexacosane (C26)

R.T.: 15.733 min  
Delta R.T.: -0.032 min  
Response: 2279750  
Conc: 17.56 ug/ml



#16 n-Octacosane (C28)

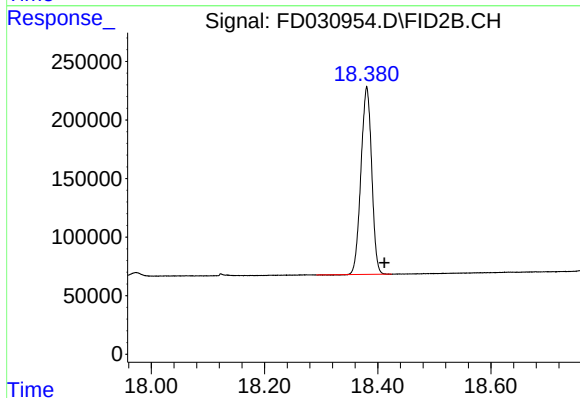
R.T.: 16.676 min  
Delta R.T.: -0.031 min  
Response: 2204409  
Conc: 17.03 ug/ml



#17 n-Tricontane (C30)

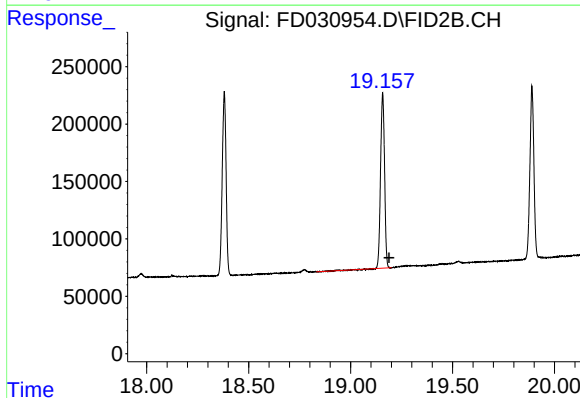
R.T.: 17.555 min  
Delta R.T.: -0.032 min  
Response: 2171517  
Conc: 16.71 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



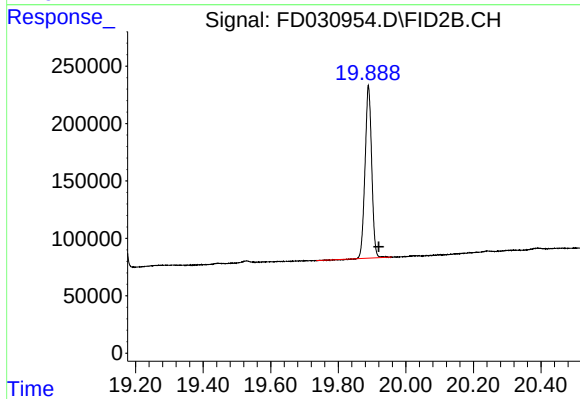
#18 n-Dotriacontane (C32)

R.T.: 18.381 min  
Delta R.T.: -0.031 min  
Response: 2104349  
Conc: 16.71 ug/ml



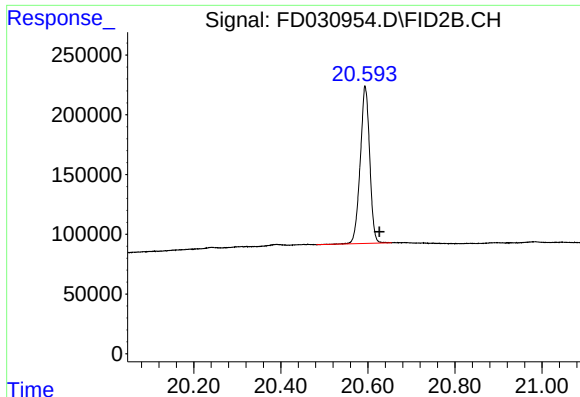
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min  
Delta R.T.: -0.031 min  
Response: 2060195  
Conc: 16.93 ug/ml



#20 n-Hexatriacontane (C36)

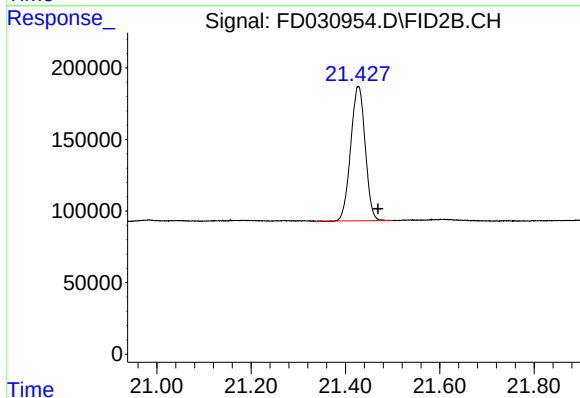
R.T.: 19.889 min  
Delta R.T.: -0.030 min  
Response: 2038294  
Conc: 17.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.594 min  
Delta R.T.: -0.032 min  
Response: 1974643  
Conc: 18.72 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.427 min  
Delta R.T.: -0.042 min  
Response: 1998630  
Conc: 18.89 ug/ml