

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040823AL\  
 Data File : FE041263.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Apr 2023 16:25  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 10 01:37:53 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 25 06:32:15 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.837 | 3883543    | 20.664 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.33%       |
| 12) S 1-chlorooctadecane (S... | 13.275 | 2984081    | 20.740 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.48%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.239  | 3408512    | 19.644 ug/ml |
| 2) T n-Decane (C10)            | 4.485  | 3432514    | 20.165 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.187  | 3761396    | 20.564 ug/ml |
| 4) T n-Dodecane (C12)          | 6.648  | 3521383    | 20.301 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.282  | 3507172    | 21.177 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.475  | 3563673    | 20.438 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.081 | 3663424    | 20.598 ug/ml |
| 8) T n-Octadecane (C18)        | 11.522 | 3712244    | 20.791 ug/ml |
| 10) T n-Eicosane (C20)         | 12.830 | 3581792    | 20.998 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.443 | 3549995    | 20.983 ug/ml |
| 13) T n-Docosane (C22)         | 14.028 | 3529003    | 21.325 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.132 | 3548264    | 21.932 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.154 | 3459359    | 22.316 ug/ml |
| 16) T n-Octacosane (C28)       | 17.105 | 3526553    | 23.022 ug/ml |
| 17) T n-Tricontane (C30)       | 17.994 | 3666582    | 23.987 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.828 | 3178288    | 20.357 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.612 | 951542     | 6.140 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.413 | 19655      | 0.129 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.953 | 3521407    | 22.063 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

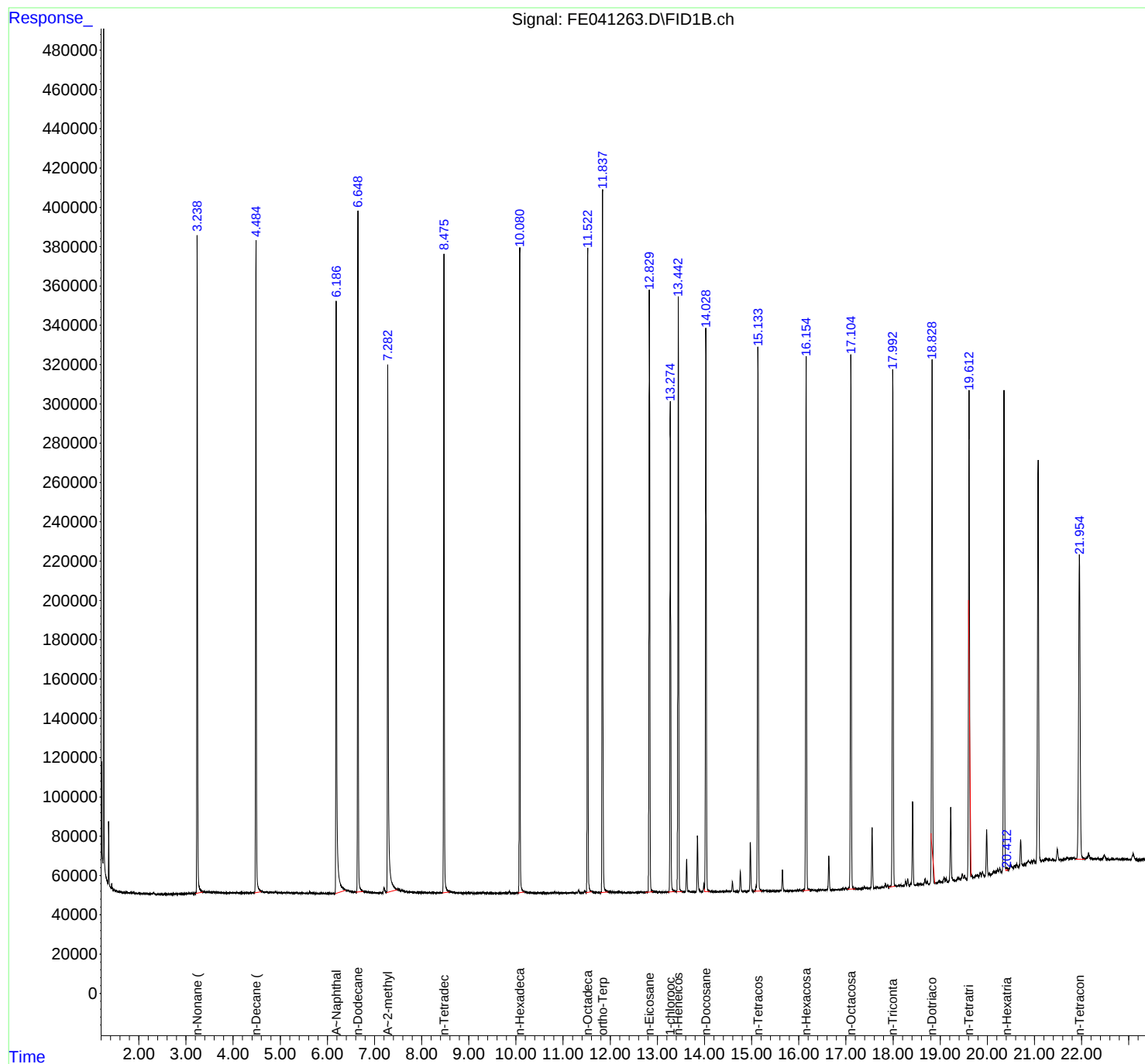
(m)=manual int.

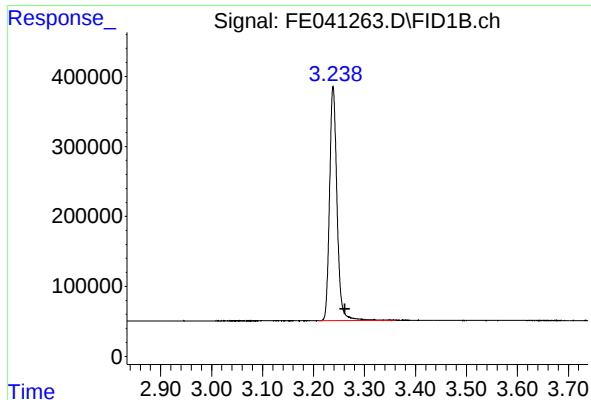
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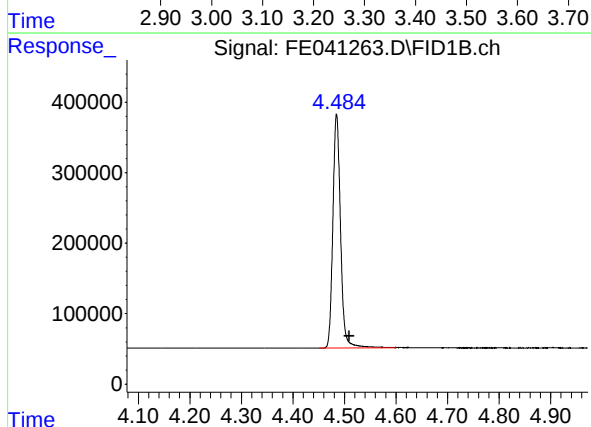




#1 n-Nonane (C9)

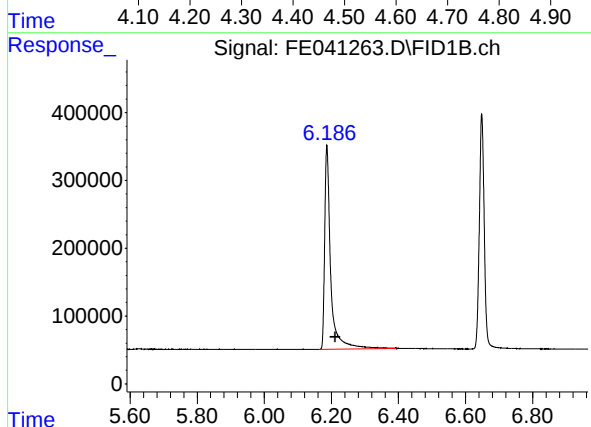
R.T.: 3.239 min  
Delta R.T.: -0.023 min  
Response: 3408512  
Conc: 19.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



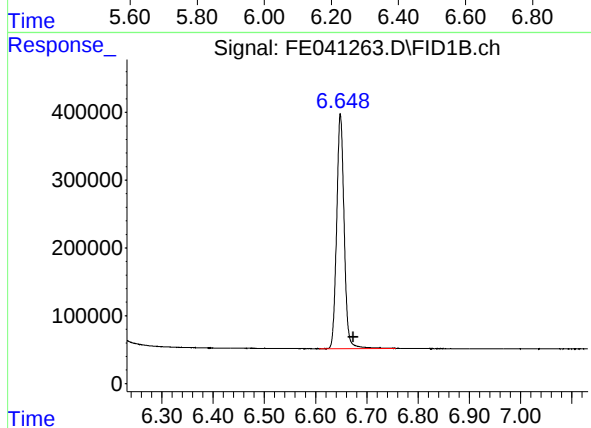
#2 n-Decane (C10)

R.T.: 4.485 min  
Delta R.T.: -0.024 min  
Response: 3432514  
Conc: 20.17 ug/ml



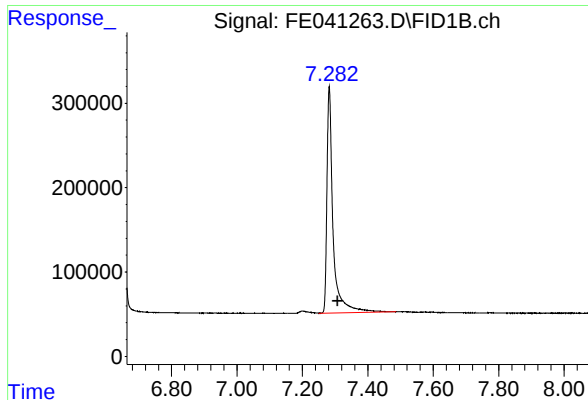
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min  
Delta R.T.: -0.025 min  
Response: 3761396  
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

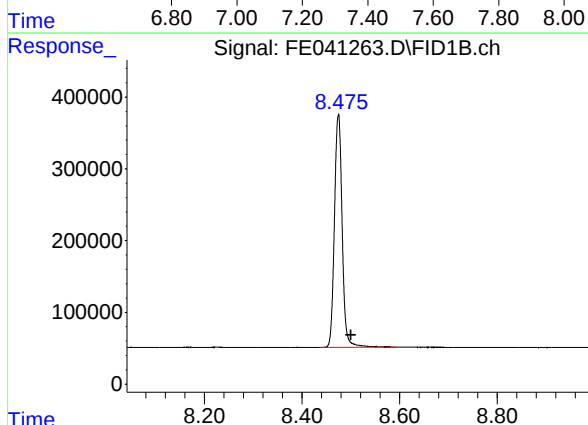
R.T.: 6.648 min  
Delta R.T.: -0.025 min  
Response: 3521383  
Conc: 20.30 ug/ml



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

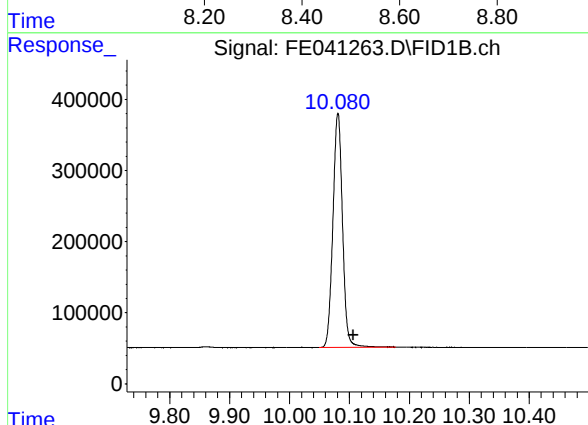
R.T.: 7.282 min  
Delta R.T.: -0.025 min  
Response: 3507172  
Conc: 21.18 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



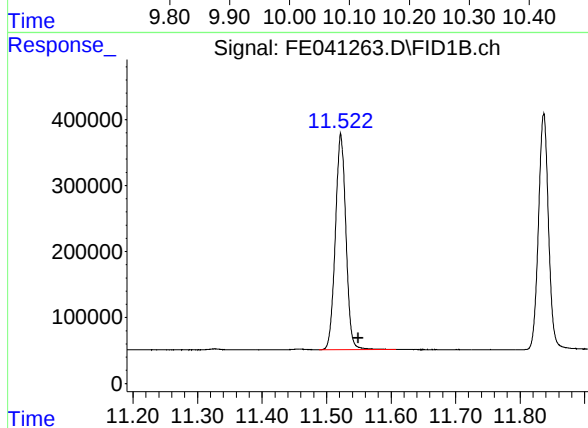
#6 n-Tetradecane (C14)

R.T.: 8.475 min  
Delta R.T.: -0.026 min  
Response: 3563673  
Conc: 20.44 ug/ml



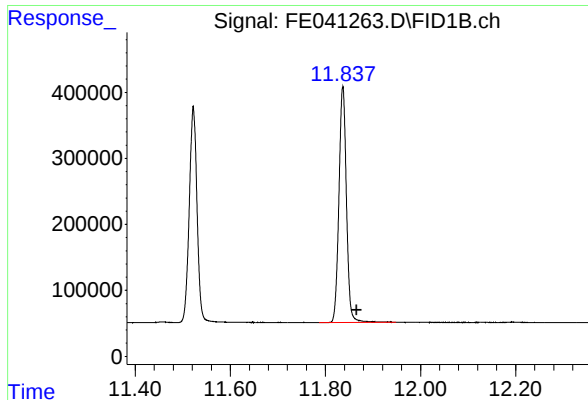
#7 n-Hexadecane (C16)

R.T.: 10.081 min  
Delta R.T.: -0.026 min  
Response: 3663424  
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

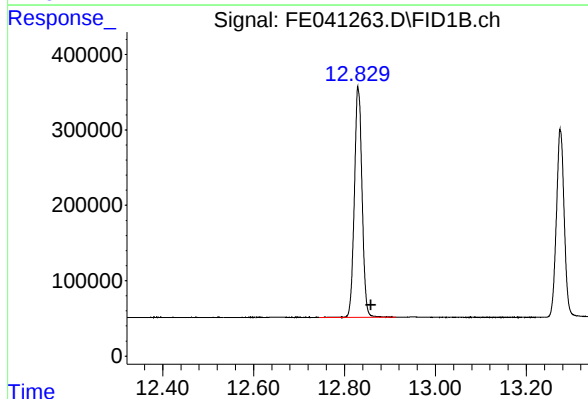
R.T.: 11.522 min  
Delta R.T.: -0.027 min  
Response: 3712244  
Conc: 20.79 ug/ml



#9 ortho-Terphenyl (SURR)

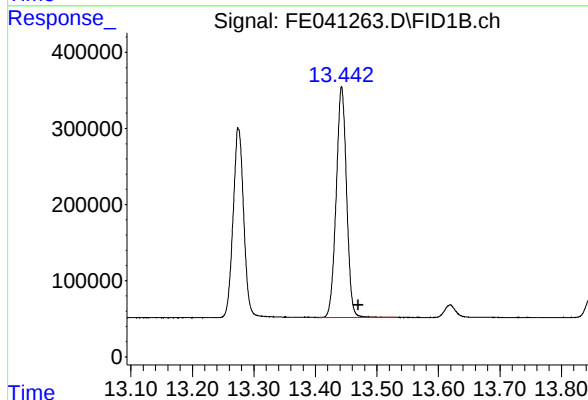
R.T.: 11.837 min  
Delta R.T.: -0.028 min  
Response: 3883543  
Conc: 20.66 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



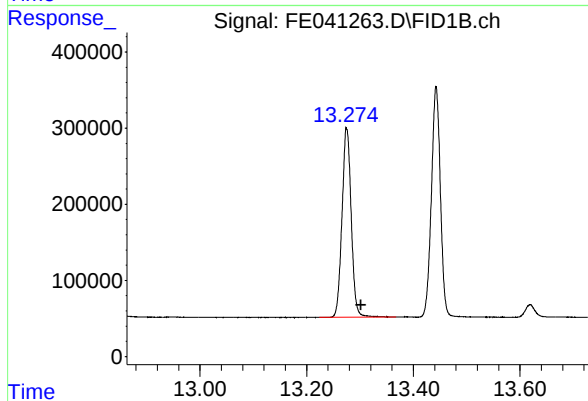
#10 n-Eicosane (C20)

R.T.: 12.830 min  
Delta R.T.: -0.028 min  
Response: 3581792  
Conc: 21.00 ug/ml



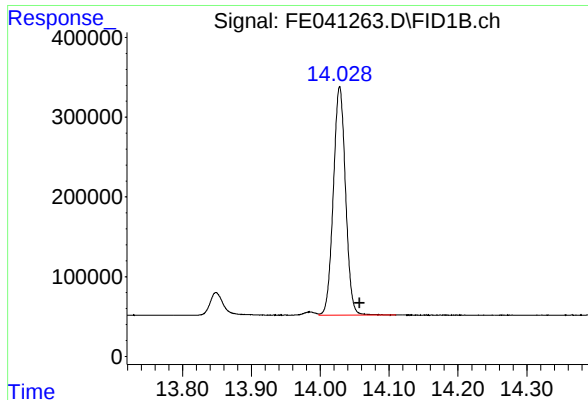
#11 n-Heneicosane (C21)

R.T.: 13.443 min  
Delta R.T.: -0.027 min  
Response: 3549995  
Conc: 20.98 ug/ml



#12 1-chlorooctadecane (SURR)

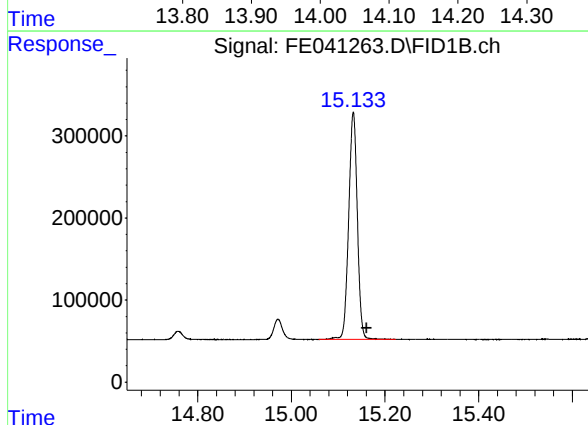
R.T.: 13.275 min  
Delta R.T.: -0.027 min  
Response: 2984081  
Conc: 20.74 ug/ml



#13 n-Docosane (C22)

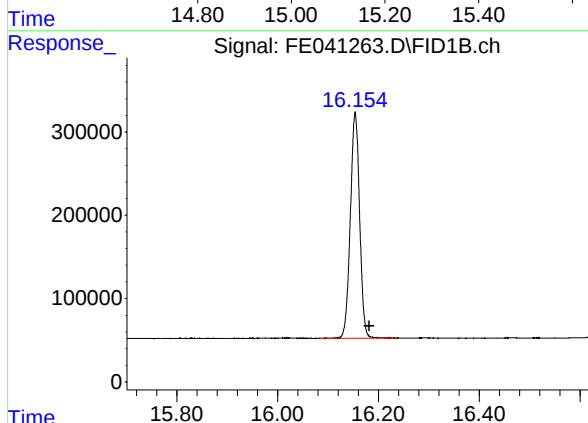
R.T.: 14.028 min  
Delta R.T.: -0.029 min  
Response: 3529003  
Conc: 21.33 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



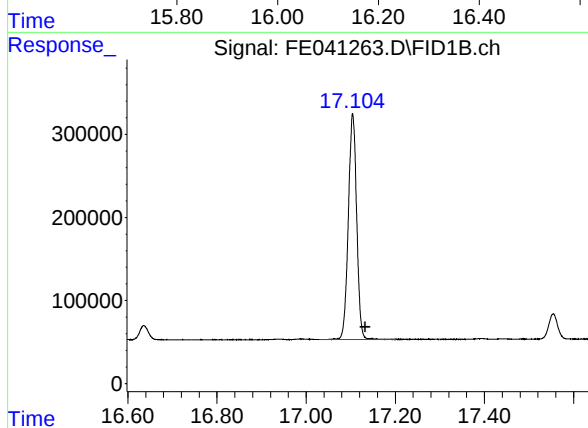
#14 n-Tetracosane (C24)

R.T.: 15.132 min  
Delta R.T.: -0.028 min  
Response: 3548264  
Conc: 21.93 ug/ml



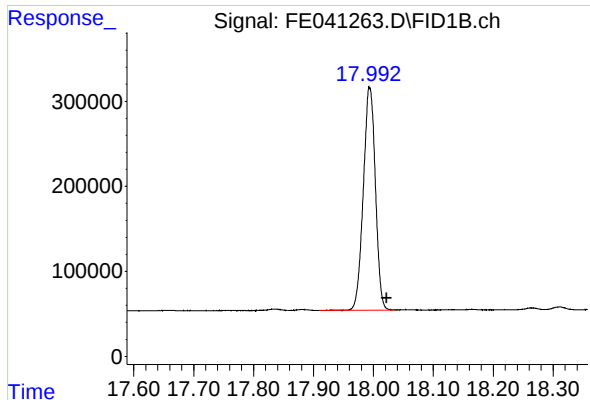
#15 n-Hexacosane (C26)

R.T.: 16.154 min  
Delta R.T.: -0.028 min  
Response: 3459359  
Conc: 22.32 ug/ml



#16 n-Octacosane (C28)

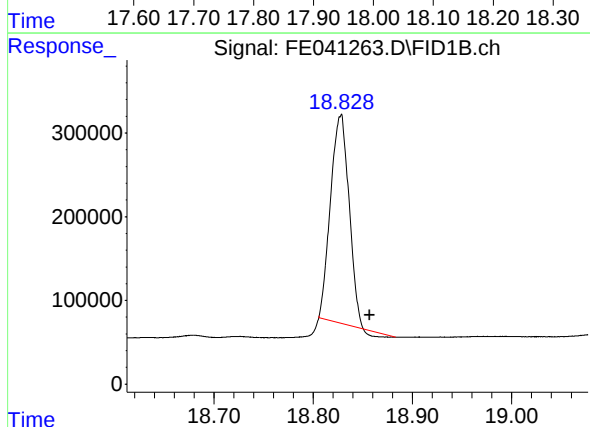
R.T.: 17.105 min  
Delta R.T.: -0.029 min  
Response: 3526553  
Conc: 23.02 ug/ml



#17 n-Tricontane (C30)

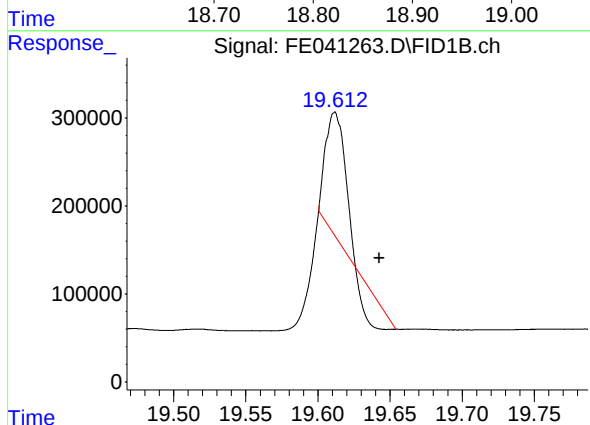
R.T.: 17.994 min  
Delta R.T.: -0.029 min  
Response: 3666582  
Conc: 23.99 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



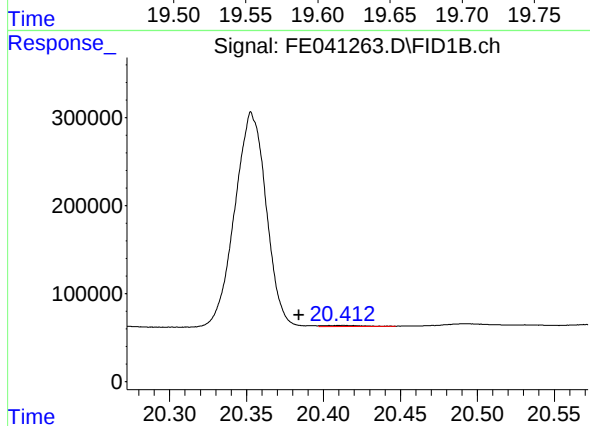
#18 n-Dotriacontane (C32)

R.T.: 18.828 min  
Delta R.T.: -0.029 min  
Response: 3178288  
Conc: 20.36 ug/ml



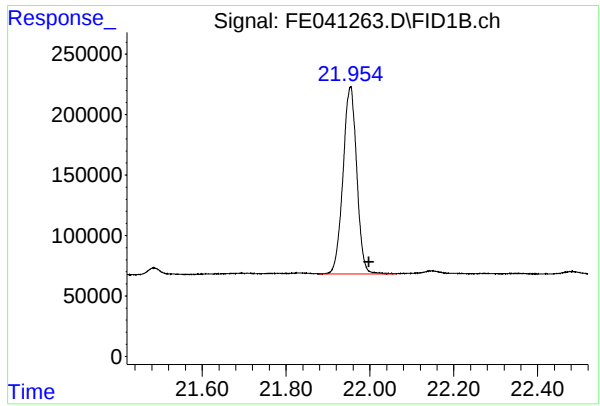
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min  
Delta R.T.: -0.031 min  
Response: 951542  
Conc: 6.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.413 min  
Delta R.T.: 0.029 min  
Response: 19655  
Conc: 0.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.953 min  
Delta R.T.: -0.045 min  
Response: 3521407  
Conc: 22.06 ug/ml

Instrument :

FID\_E

ClientSampleId :