

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042023AL\  
 Data File : FE041448.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Apr 2023 07:58  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 01 08:25:57 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)    | 11.828 | 3563381    | 18.960 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.92%       |
| 12) S 1-chlorooctadecane (S... | 13.267 | 2792349    | 19.408 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.82%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.229  | 3145655    | 18.129 ug/ml |
| 2) T n-Decane (C10)            | 4.476  | 3138705    | 18.439 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.179  | 3450176    | 18.863 ug/ml |
| 4) T n-Dodecane (C12)          | 6.640  | 3226035    | 18.598 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.274  | 3214710    | 19.411 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.466  | 3260509    | 18.699 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.072 | 3356959    | 18.875 ug/ml |
| 8) T n-Octadecane (C18)        | 11.514 | 3402945    | 19.059 ug/ml |
| 10) T n-Eicosane (C20)         | 12.823 | 3268973    | 19.165 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.435 | 3247392    | 19.194 ug/ml |
| 13) T n-Docosane (C22)         | 14.022 | 3179476    | 19.213 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.125 | 3215340    | 19.874 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.147 | 3000602    | 19.357 ug/ml |
| 16) T n-Octacosane (C28)       | 17.099 | 2993219    | 19.540 ug/ml |
| 17) T n-Tricontane (C30)       | 17.986 | 3075753    | 20.122 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.821 | 3191606    | 20.442 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.605 | 3169866    | 20.455 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.346 | 3089107    | 20.337 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.071 | 3186577    | 20.398 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.944 | 3295131    | 20.646 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

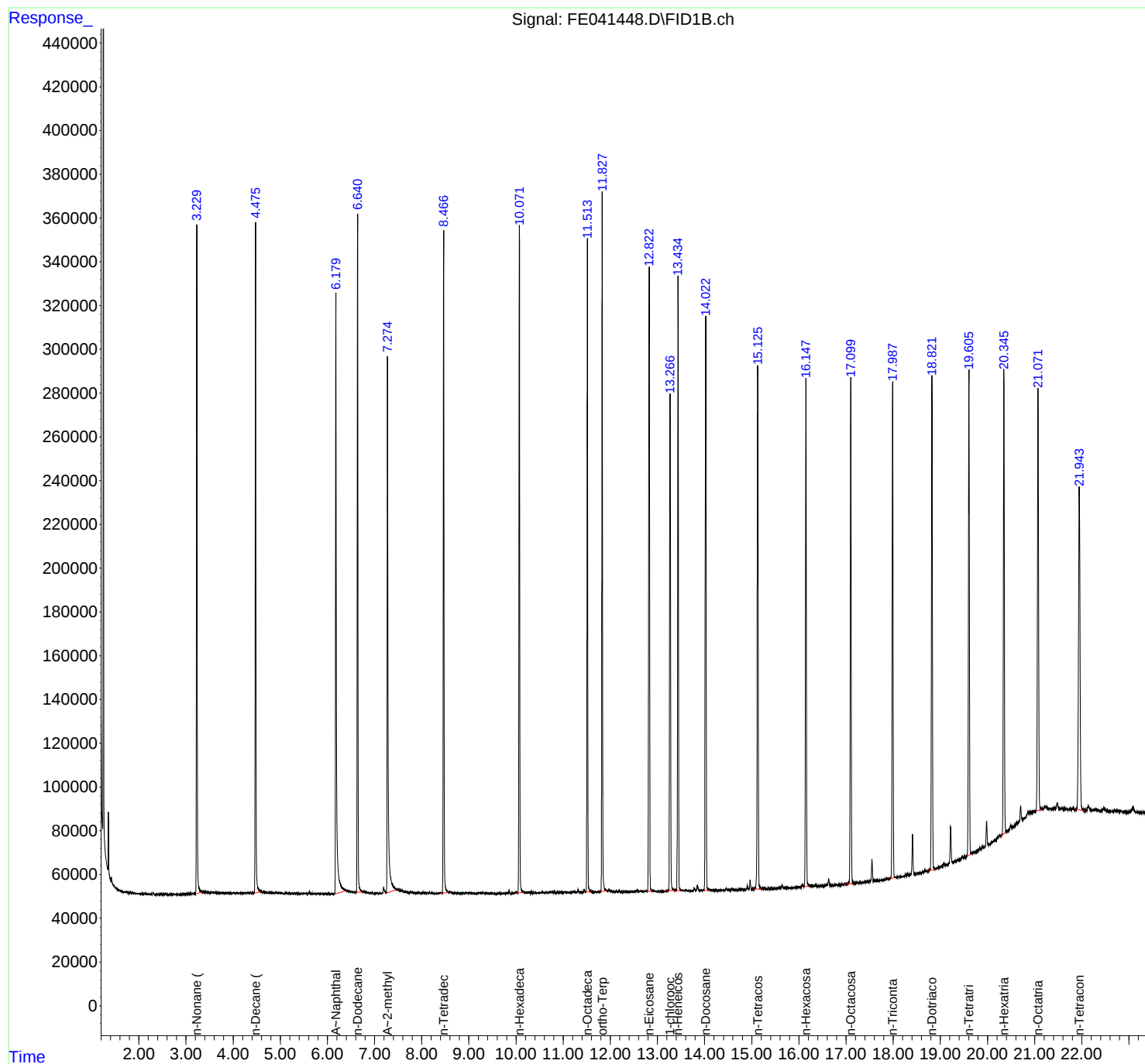
(m)=manual int.

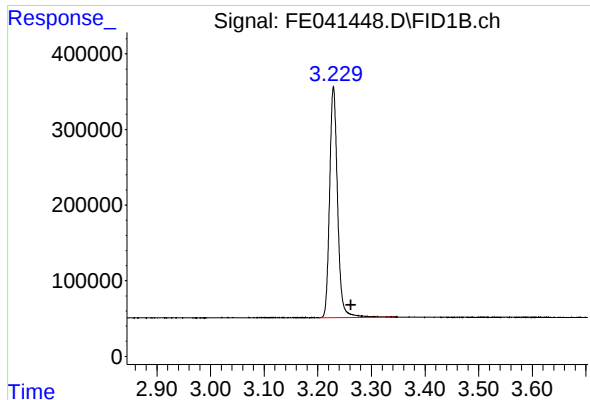
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042023AL\  
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Sample : 20 PPM ALIPHATIC HC STD  
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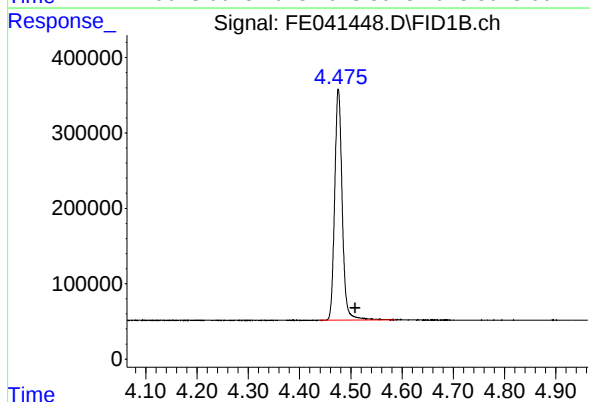




#1 n-Nonane (C9)

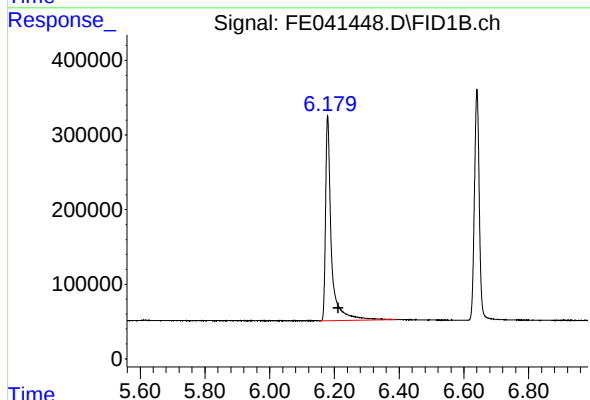
R.T.: 3.229 min  
Delta R.T.: -0.033 min  
Response: 3145655  
Conc: 18.13 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



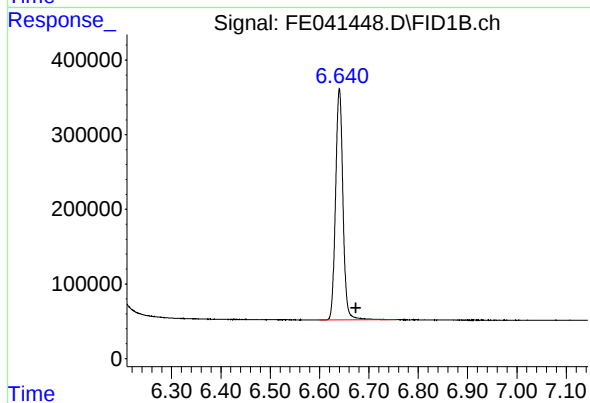
#2 n-Decane (C10)

R.T.: 4.476 min  
Delta R.T.: -0.033 min  
Response: 3138705  
Conc: 18.44 ug/ml



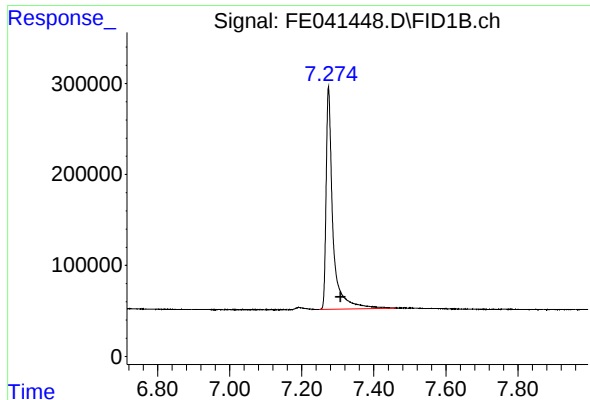
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min  
Delta R.T.: -0.033 min  
Response: 3450176  
Conc: 18.86 ug/ml



#4 n-Dodecane (C12)

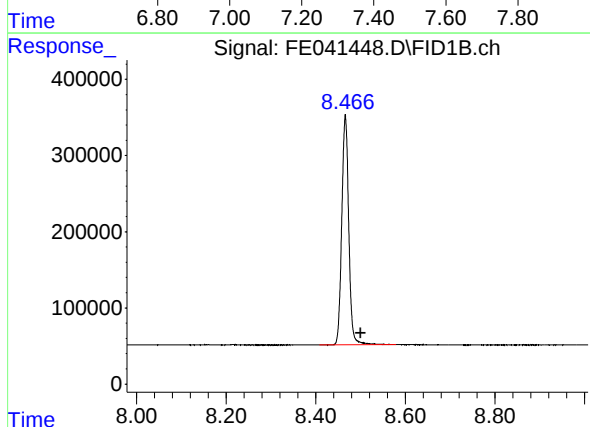
R.T.: 6.640 min  
Delta R.T.: -0.033 min  
Response: 3226035  
Conc: 18.60 ug/ml



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

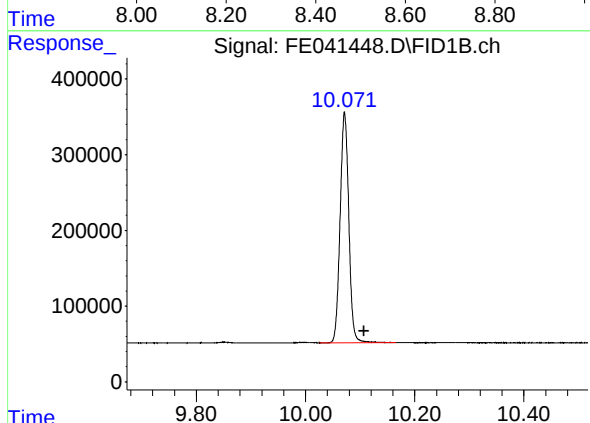
R.T.: 7.274 min  
Delta R.T.: -0.033 min  
Response: 3214710  
Conc: 19.41 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



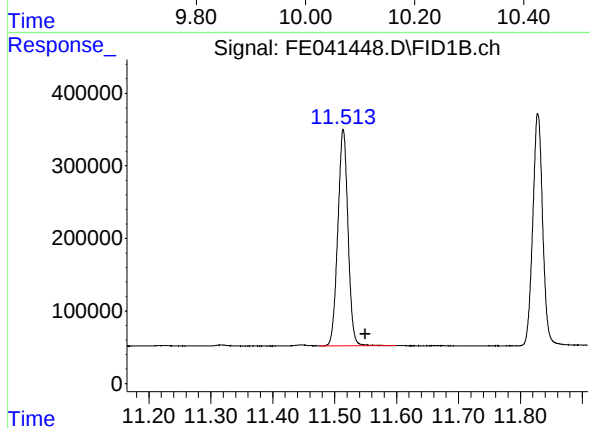
#6 n-Tetradecane (C14)

R.T.: 8.466 min  
Delta R.T.: -0.034 min  
Response: 3260509  
Conc: 18.70 ug/ml



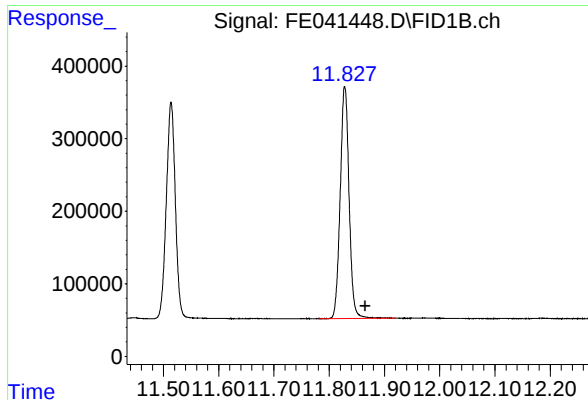
#7 n-Hexadecane (C16)

R.T.: 10.072 min  
Delta R.T.: -0.035 min  
Response: 3356959  
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

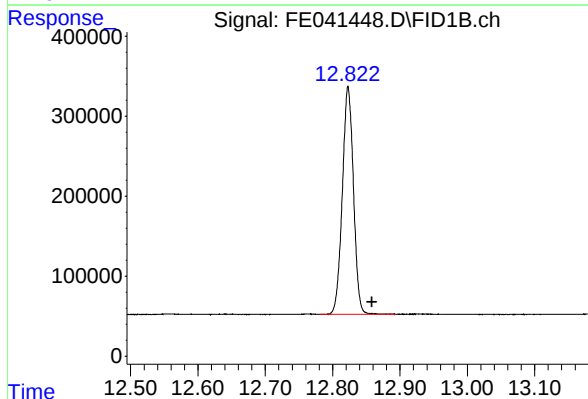
R.T.: 11.514 min  
Delta R.T.: -0.035 min  
Response: 3402945  
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

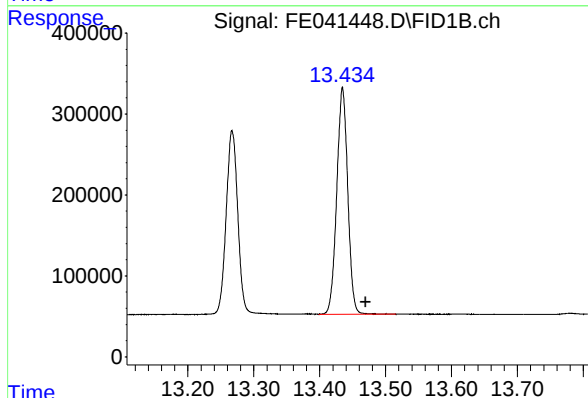
R.T.: 11.828 min  
Delta R.T.: -0.037 min  
Response: 3563381  
Conc: 18.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



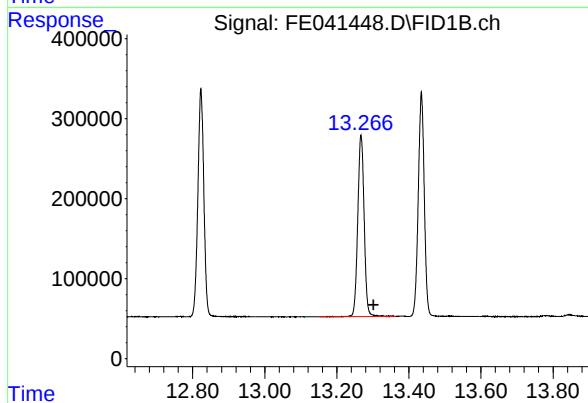
#10 n-Eicosane (C20)

R.T.: 12.823 min  
Delta R.T.: -0.036 min  
Response: 3268973  
Conc: 19.16 ug/ml



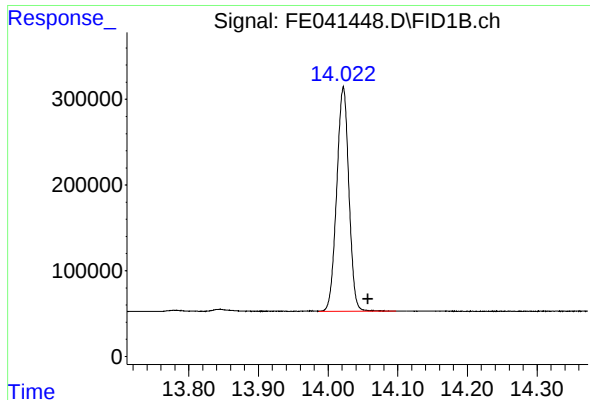
#11 n-Heneicosane (C21)

R.T.: 13.435 min  
Delta R.T.: -0.035 min  
Response: 3247392  
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

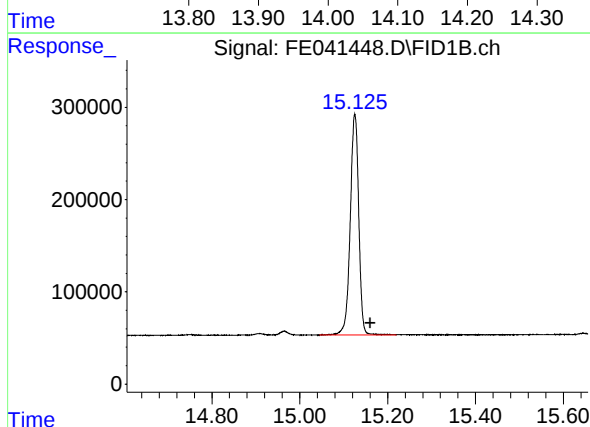
R.T.: 13.267 min  
Delta R.T.: -0.035 min  
Response: 2792349  
Conc: 19.41 ug/ml



#13 n-Docosane (C22)

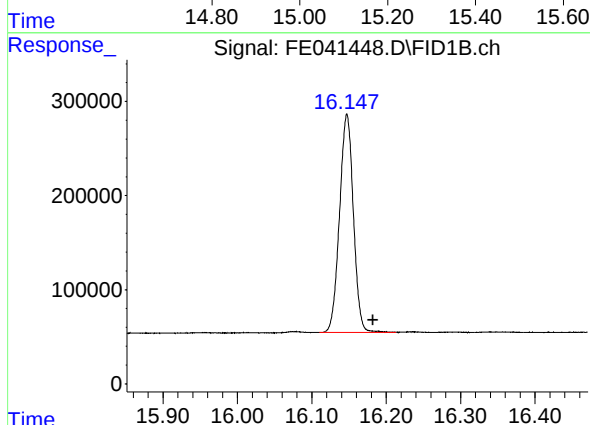
R.T.: 14.022 min  
Delta R.T.: -0.035 min  
Response: 3179476  
Conc: 19.21 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



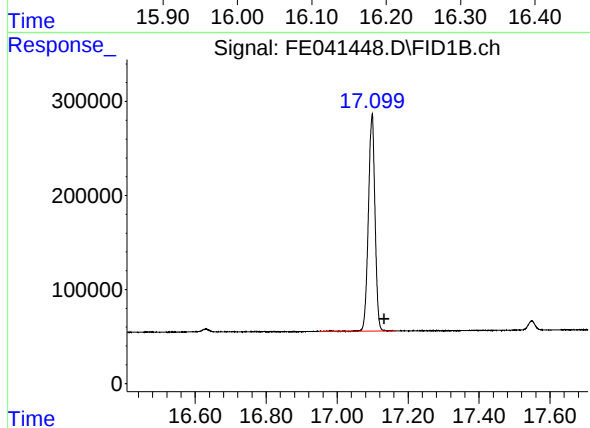
#14 n-Tetracosane (C24)

R.T.: 15.125 min  
Delta R.T.: -0.035 min  
Response: 3215340  
Conc: 19.87 ug/ml



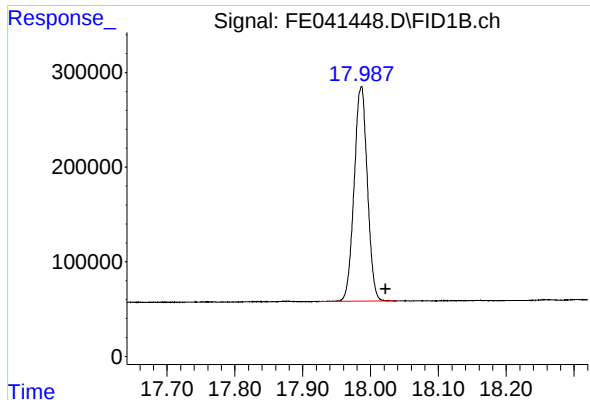
#15 n-Hexacosane (C26)

R.T.: 16.147 min  
Delta R.T.: -0.035 min  
Response: 3000602  
Conc: 19.36 ug/ml



#16 n-Octacosane (C28)

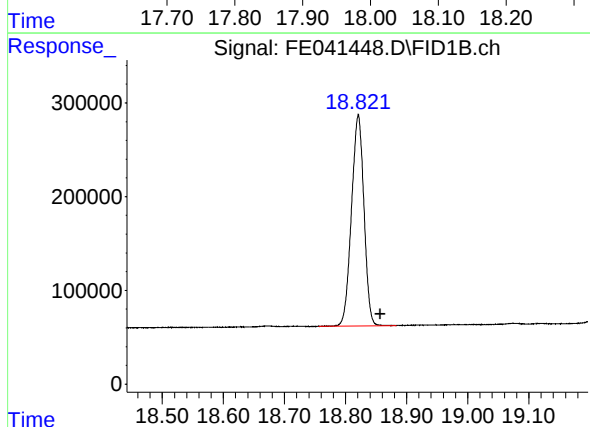
R.T.: 17.099 min  
Delta R.T.: -0.034 min  
Response: 2993219  
Conc: 19.54 ug/ml



#17 n-Tricontane (C30)

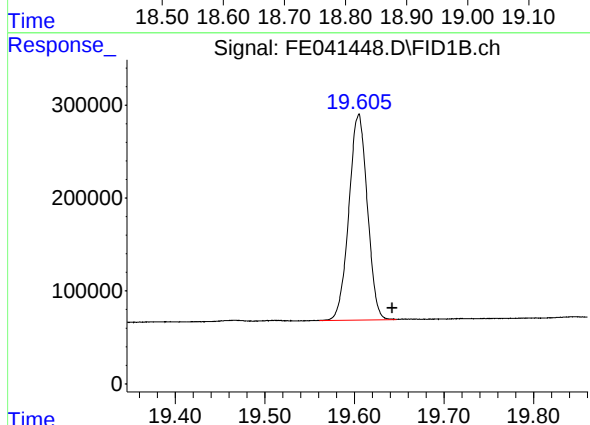
R.T.: 17.986 min  
Delta R.T.: -0.036 min  
Response: 3075753  
Conc: 20.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



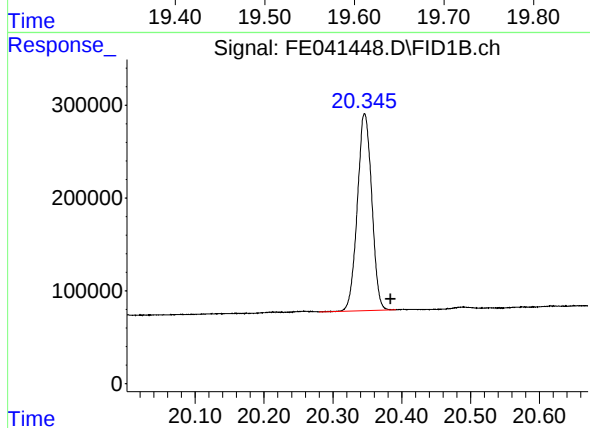
#18 n-Dotriacontane (C32)

R.T.: 18.821 min  
Delta R.T.: -0.036 min  
Response: 3191606  
Conc: 20.44 ug/ml



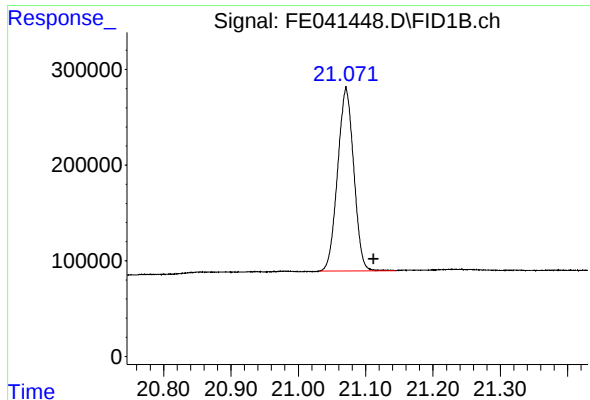
#19 n-Tetratriacontane (C34)

R.T.: 19.605 min  
Delta R.T.: -0.038 min  
Response: 3169866  
Conc: 20.45 ug/ml



#20 n-Hexatriacontane (C36)

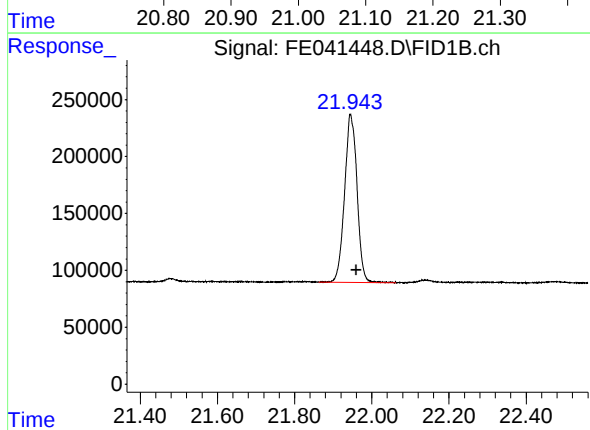
R.T.: 20.346 min  
Delta R.T.: -0.038 min  
Response: 3089107  
Conc: 20.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min  
Delta R.T.: -0.041 min  
Response: 3186577  
Conc: 20.40 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.944 min  
Delta R.T.: -0.016 min  
Response: 3295131  
Conc: 20.65 ug/ml