

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071824AL\  
 Data File : FE049193.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Jul 2024 20:35  
 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: Jul 19 01:34:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 17 14:26:40 2024  
 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)    | 11.911 | 2746318    | 17.706 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.41%       |
| 12) S 1-chlorooctadecane (S... | 13.346 | 2105492    | 18.021 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.04%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.299  | 2458034    | 16.345 ug/ml |
| 2) T n-Decane (C10)            | 4.549  | 2641127    | 17.100 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.255  | 2675398    | 17.172 ug/ml |
| 4) T n-Dodecane (C12)          | 6.715  | 2651737    | 17.221 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.351  | 2523307    | 17.339 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.543  | 2627893    | 17.314 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.150 | 2688261    | 17.726 ug/ml |
| 8) T n-Octadecane (C18)        | 11.593 | 2699001    | 17.776 ug/ml |
| 10) T n-Eicosane (C20)         | 12.901 | 2578469    | 17.831 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.512 | 2526324    | 17.815 ug/ml |
| 13) T n-Docosane (C22)         | 14.099 | 2528267    | 17.996 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.201 | 2574054    | 18.366 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.221 | 2579926    | 18.399 ug/ml |
| 16) T n-Octacosane (C28)       | 17.169 | 2688743    | 19.210 ug/ml |
| 17) T n-Tricontane (C30)       | 18.057 | 3020013    | 20.703 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.888 | 3267290    | 22.221 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.672 | 3186967    | 21.818 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.410 | 3109796    | 21.572 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.142 | 5095341    | 34.039 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.045 | 4426956    | 29.336 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

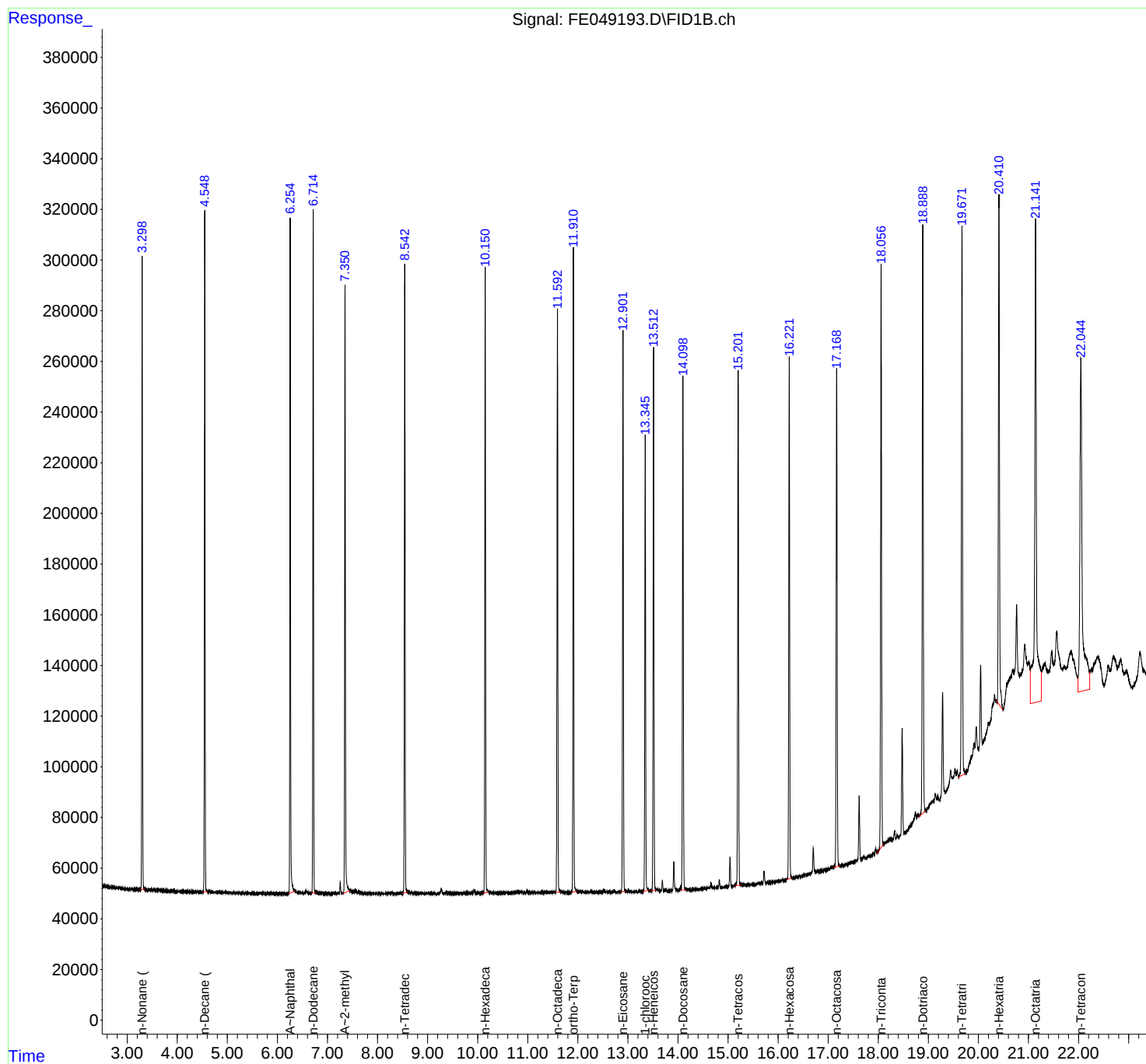
(m)=manual int.

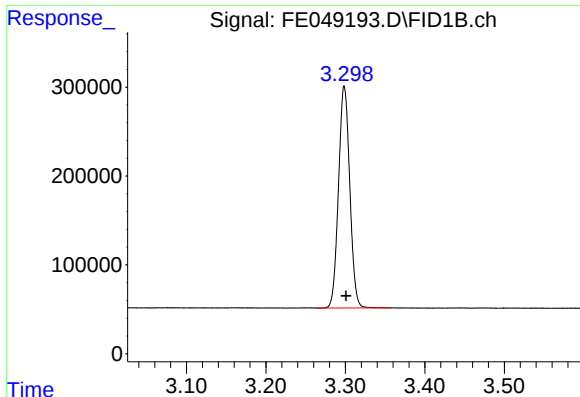
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071824AL\  
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Volume Inj. : 1 ul  
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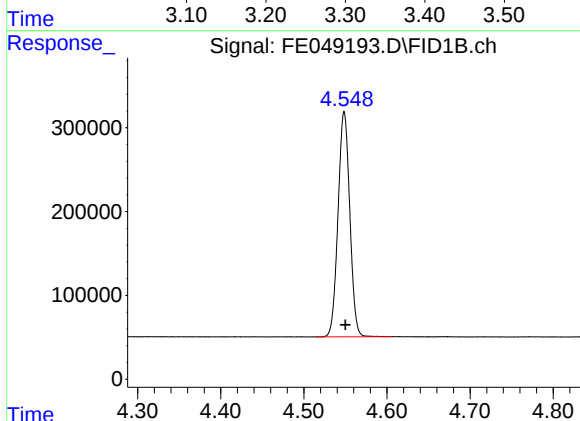




#1 n-Nonane (C9)

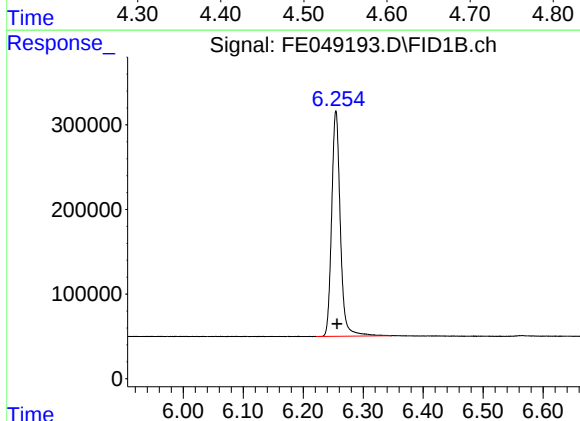
R.T.: 3.299 min  
Delta R.T.: -0.002 min  
Response: 2458034  
Conc: 16.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



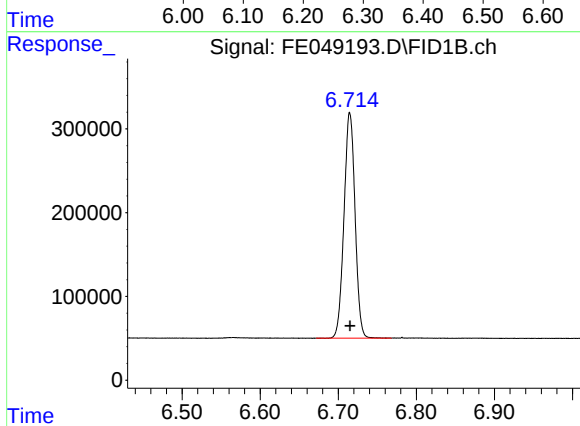
#2 n-Decane (C10)

R.T.: 4.549 min  
Delta R.T.: -0.001 min  
Response: 2641127  
Conc: 17.10 ug/ml



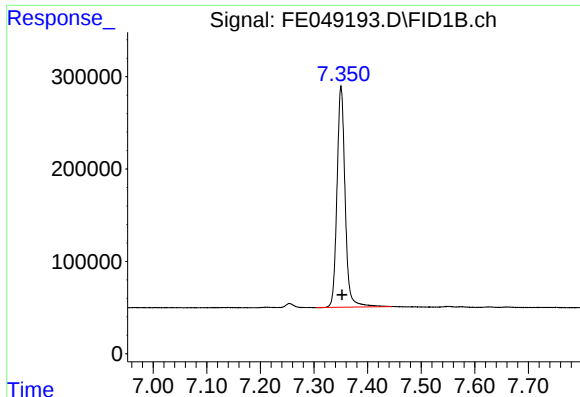
#3 A~Naphthalene (C11.7)

R.T.: 6.255 min  
Delta R.T.: -0.002 min  
Response: 2675398  
Conc: 17.17 ug/ml



#4 n-Dodecane (C12)

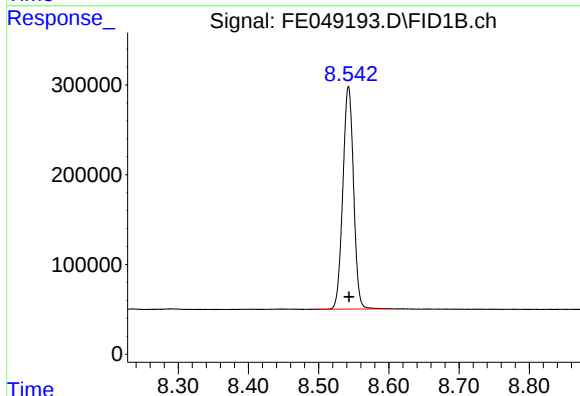
R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 2651737  
Conc: 17.22 ug/ml



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

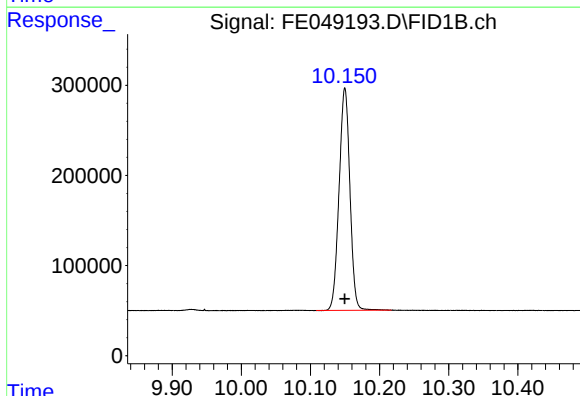
R.T.: 7.351 min  
Delta R.T.: -0.002 min  
Response: 2523307  
Conc: 17.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



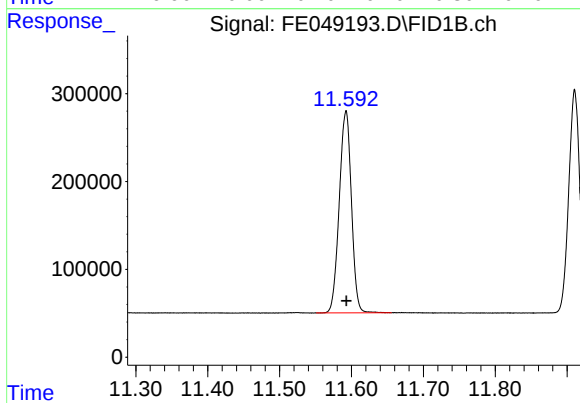
#6 n-Tetradecane (C14)

R.T.: 8.543 min  
Delta R.T.: 0.000 min  
Response: 2627893  
Conc: 17.31 ug/ml



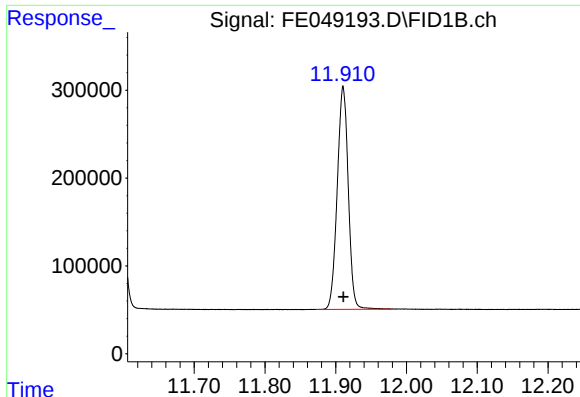
#7 n-Hexadecane (C16)

R.T.: 10.150 min  
Delta R.T.: 0.000 min  
Response: 2688261  
Conc: 17.73 ug/ml



#8 n-Octadecane (C18)

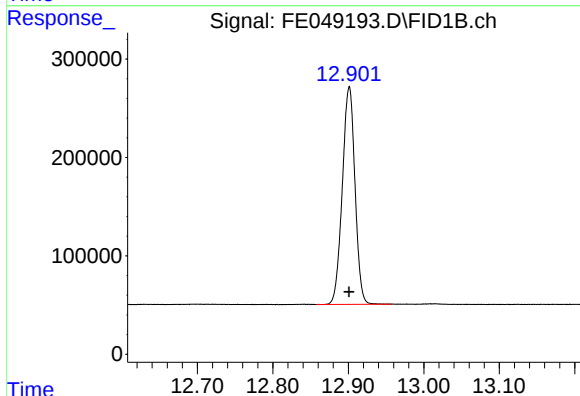
R.T.: 11.593 min  
Delta R.T.: 0.000 min  
Response: 2699001  
Conc: 17.78 ug/ml



#9 ortho-Terphenyl (SURR)

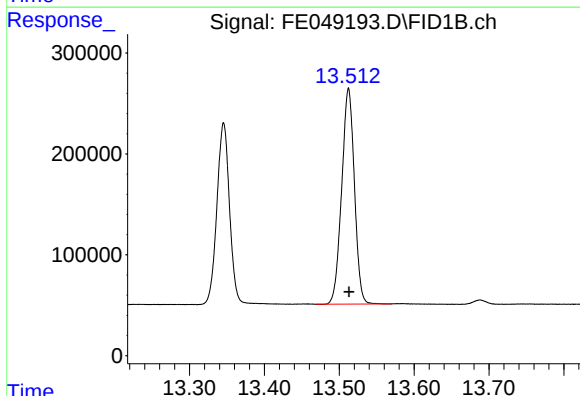
R.T.: 11.911 min  
Delta R.T.: 0.000 min  
Response: 2746318  
Conc: 17.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



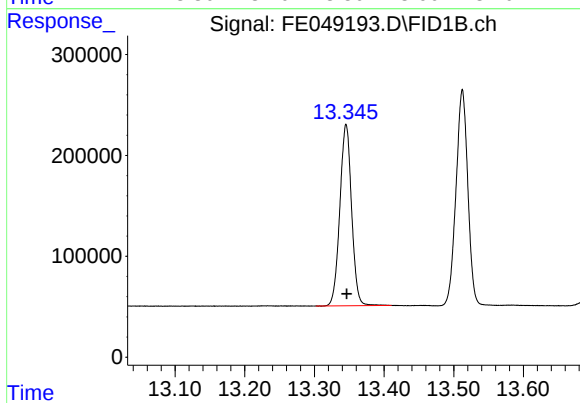
#10 n-Eicosane (C20)

R.T.: 12.901 min  
Delta R.T.: 0.000 min  
Response: 2578469  
Conc: 17.83 ug/ml



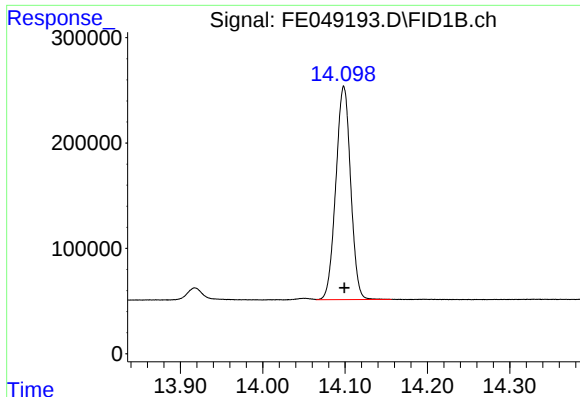
#11 n-Heneicosane (C21)

R.T.: 13.512 min  
Delta R.T.: 0.000 min  
Response: 2526324  
Conc: 17.82 ug/ml



#12 1-chlorooctadecane (SURR)

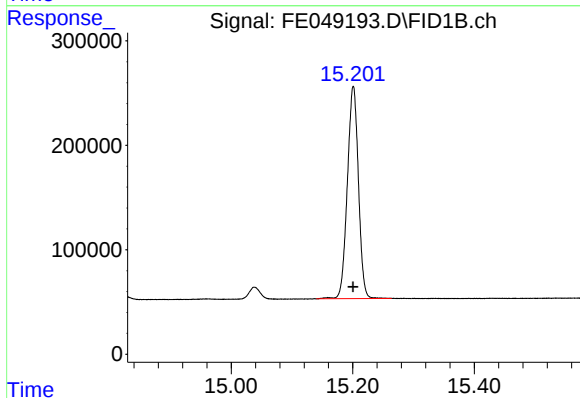
R.T.: 13.346 min  
Delta R.T.: 0.000 min  
Response: 2105492  
Conc: 18.02 ug/ml



#13 n-Docosane (C22)

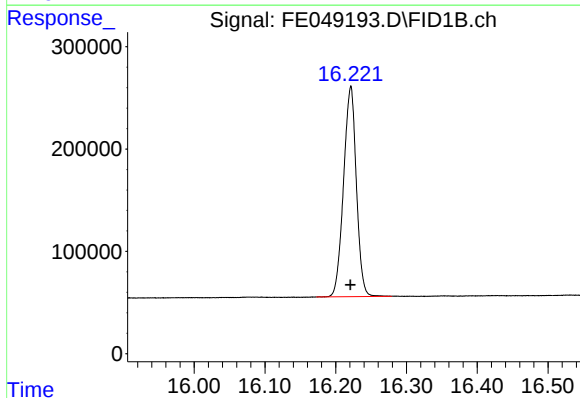
R.T.: 14.099 min  
Delta R.T.: 0.000 min  
Response: 2528267  
Conc: 18.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



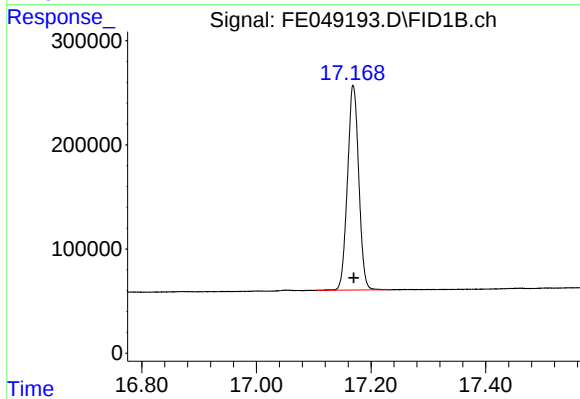
#14 n-Tetracosane (C24)

R.T.: 15.201 min  
Delta R.T.: 0.000 min  
Response: 2574054  
Conc: 18.37 ug/ml



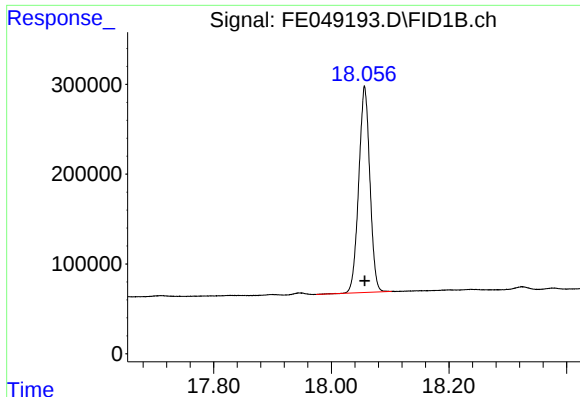
#15 n-Hexacosane (C26)

R.T.: 16.221 min  
Delta R.T.: 0.000 min  
Response: 2579926  
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

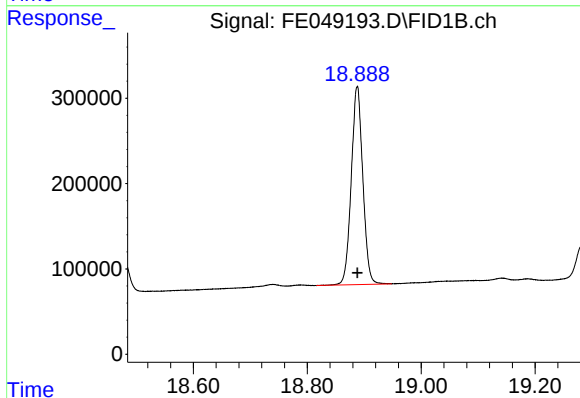
R.T.: 17.169 min  
Delta R.T.: -0.001 min  
Response: 2688743  
Conc: 19.21 ug/ml



#17 n-Tricontane (C30)

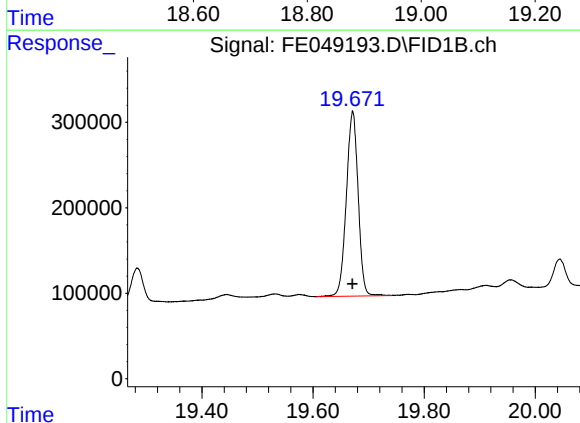
R.T.: 18.057 min  
Delta R.T.: 0.000 min  
Response: 3020013  
Conc: 20.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



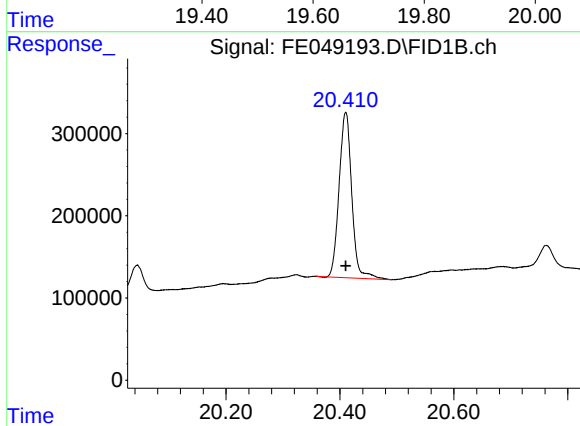
#18 n-Dotriacontane (C32)

R.T.: 18.888 min  
Delta R.T.: 0.000 min  
Response: 3267290  
Conc: 22.22 ug/ml



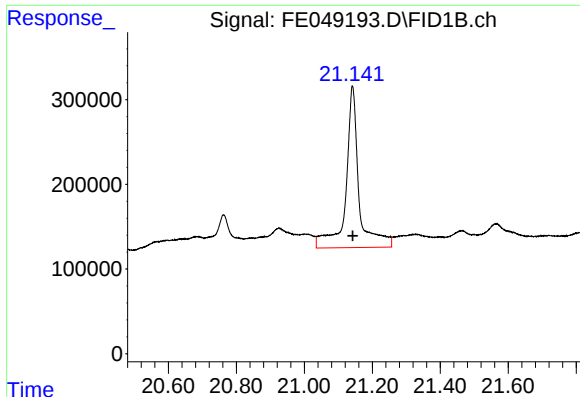
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min  
Delta R.T.: 0.000 min  
Response: 3186967  
Conc: 21.82 ug/ml



#20 n-Hexatriacontane (C36)

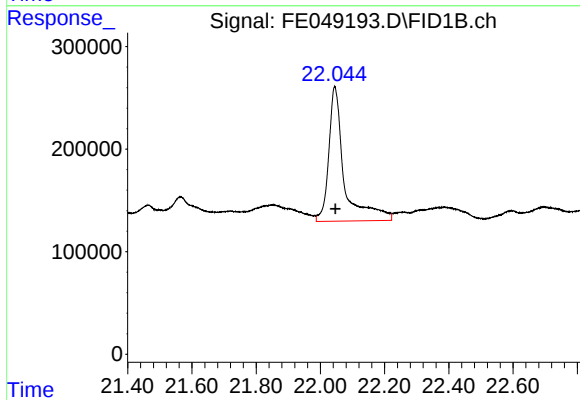
R.T.: 20.410 min  
Delta R.T.: 0.000 min  
Response: 3109796  
Conc: 21.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.142 min  
Delta R.T.: 0.000 min  
Response: 5095341  
Conc: 34.04 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.045 min  
Delta R.T.: -0.002 min  
Response: 4426956  
Conc: 29.34 ug/ml