

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101023AL\  
 Data File : FE044756.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 Oct 2023 12:45  
 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: Oct 11 03:13:12 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092523.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 25 11:06:21 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)    | 11.914 | 3693569    | 19.674 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.35%       |
| 12) S 1-chlorooctadecane (S... | 13.356 | 2734409    | 20.100 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.20%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.297  | 2941806    | 18.120 ug/ml |
| 2) T n-Decane (C10)            | 4.549  | 3056820    | 18.460 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.250  | 3337891    | 18.670 ug/ml |
| 4) T n-Dodecane (C12)          | 6.715  | 3100709    | 18.642 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.346  | 3270028    | 19.113 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.542  | 3093318    | 18.842 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.153 | 3170864    | 18.717 ug/ml |
| 8) T n-Octadecane (C18)        | 11.599 | 3186554    | 18.768 ug/ml |
| 10) T n-Eicosane (C20)         | 12.911 | 3079476    | 19.140 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.524 | 3014286    | 19.250 ug/ml |
| 13) T n-Docosane (C22)         | 14.111 | 2985174    | 19.355 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.216 | 2943015    | 19.469 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.238 | 2869363    | 19.507 ug/ml |
| 16) T n-Octacosane (C28)       | 17.190 | 2863570    | 19.966 ug/ml |
| 17) T n-Tricontane (C30)       | 18.080 | 2998368    | 20.227 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.914 | 3064714    | 20.702 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.700 | 2957945    | 20.240 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.441 | 2938625    | 20.259 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.181 | 2990007    | 19.961 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.102 | 3098575    | 19.635 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

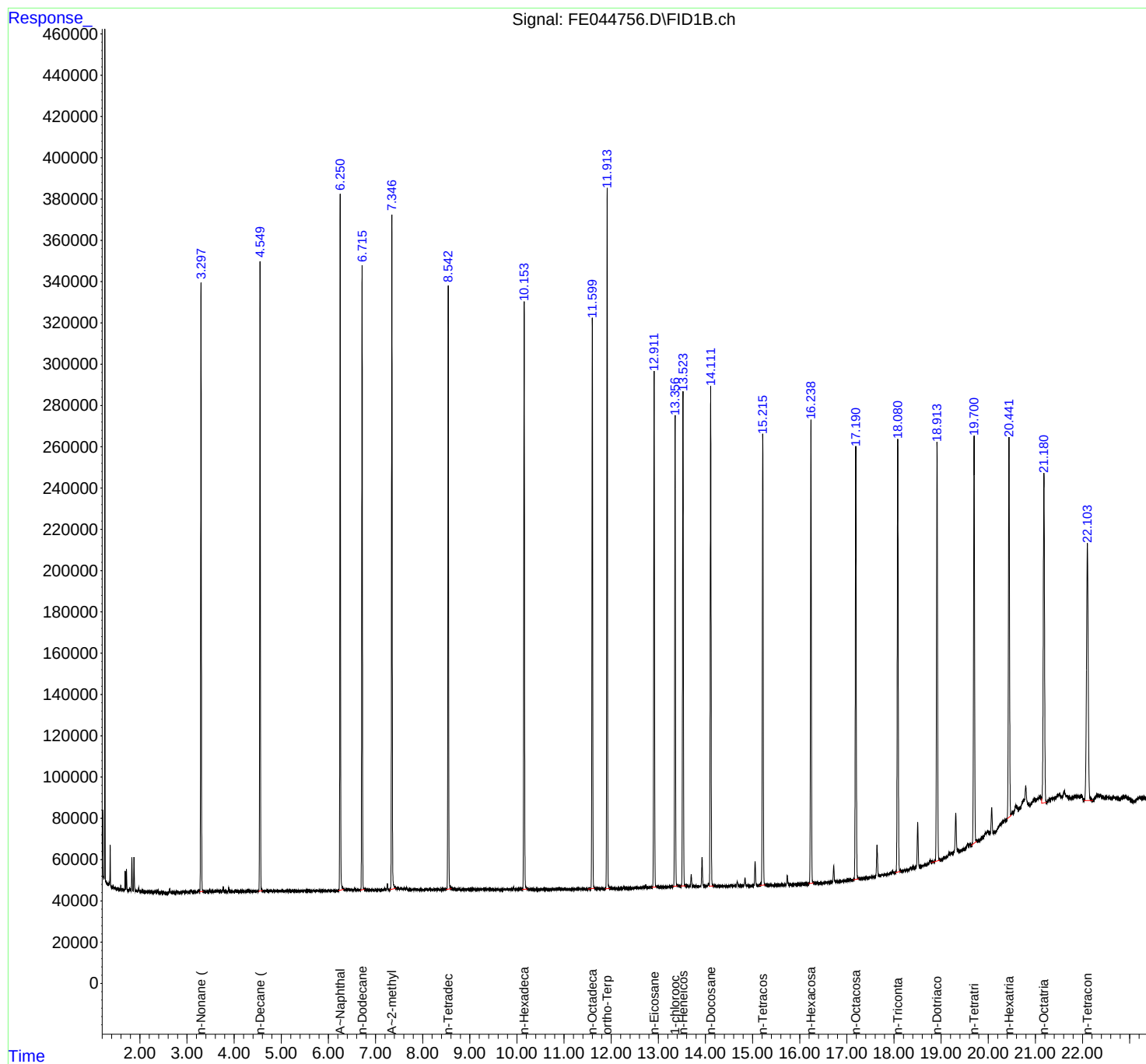
(m)=manual int.

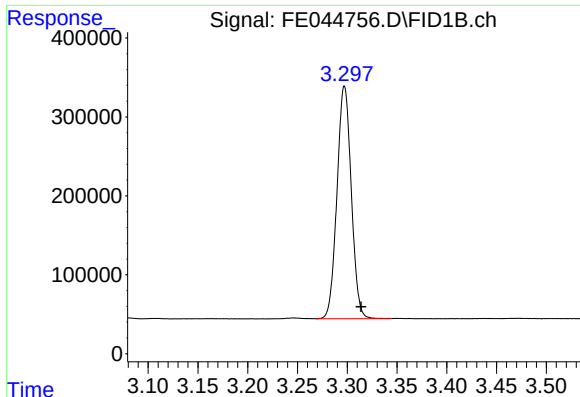
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101023AL\  
Data File : FE044756.D  
Signal(s) : FID1B.ch  
Acq On : 10 Oct 2023 12:45  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_E  
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Integration File: autoint1.e  
Quant Time: Oct 11 03:13:12 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092523.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 25 11:06:21 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

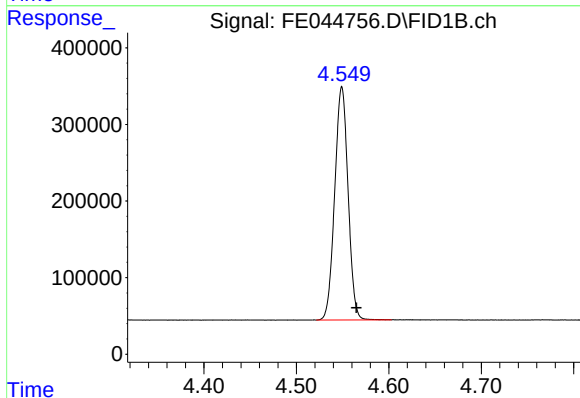




#1 n-Nonane (C9)

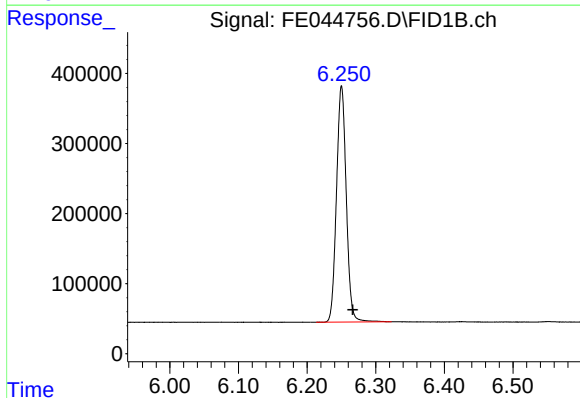
R.T.: 3.297 min  
Delta R.T.: -0.017 min  
Response: 2941806  
Conc: 18.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



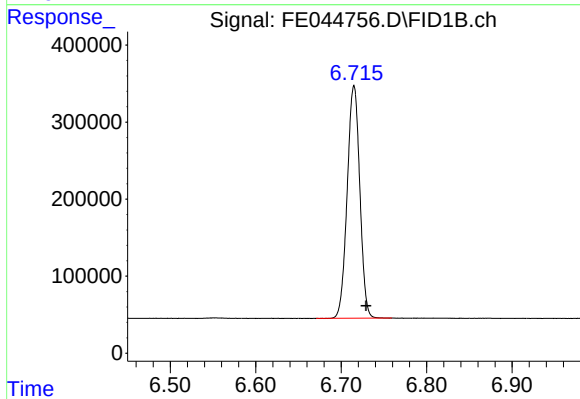
#2 n-Decane (C10)

R.T.: 4.549 min  
Delta R.T.: -0.016 min  
Response: 3056820  
Conc: 18.46 ug/ml



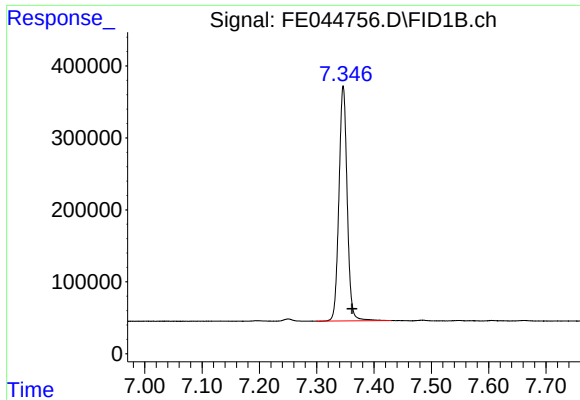
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min  
Delta R.T.: -0.016 min  
Response: 3337891  
Conc: 18.67 ug/ml



#4 n-Dodecane (C12)

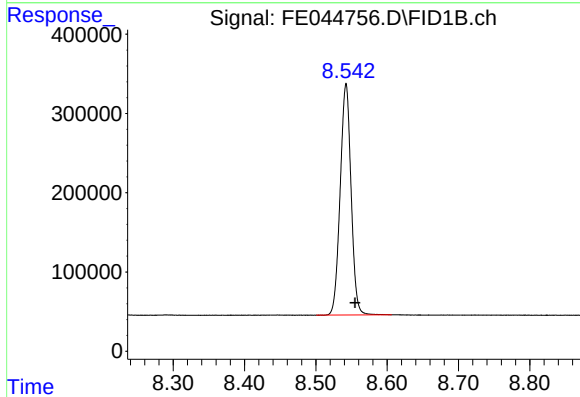
R.T.: 6.715 min  
Delta R.T.: -0.014 min  
Response: 3100709  
Conc: 18.64 ug/ml



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

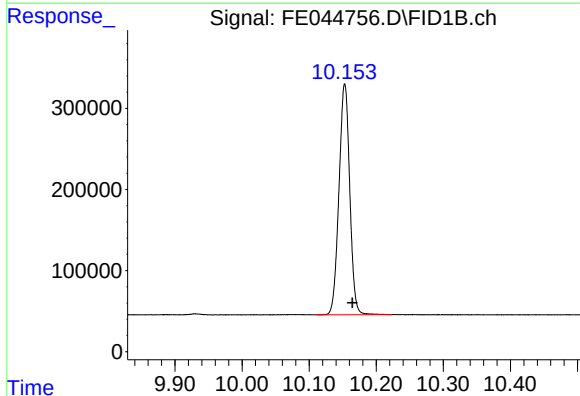
R.T.: 7.346 min  
Delta R.T.: -0.016 min  
Response: 3270028  
Conc: 19.11 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



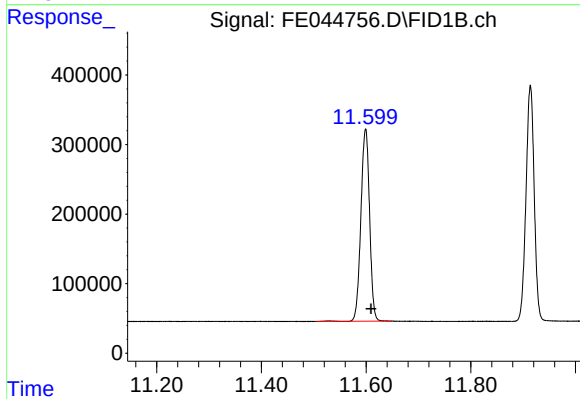
#6 n-Tetradecane (C14)

R.T.: 8.542 min  
Delta R.T.: -0.013 min  
Response: 3093318  
Conc: 18.84 ug/ml



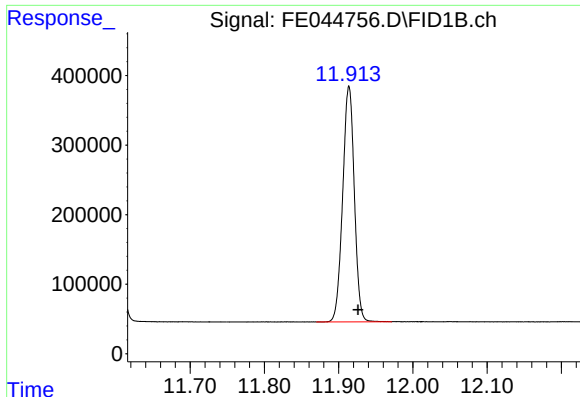
#7 n-Hexadecane (C16)

R.T.: 10.153 min  
Delta R.T.: -0.012 min  
Response: 3170864  
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

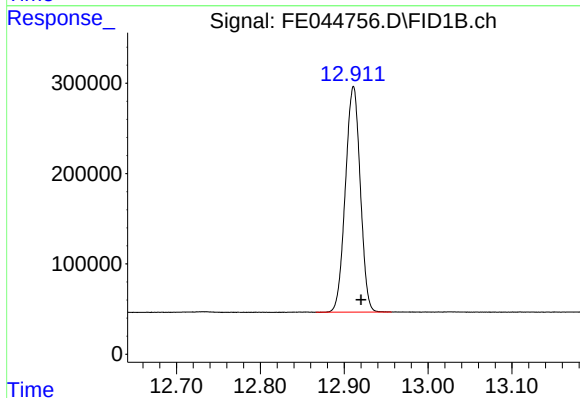
R.T.: 11.599 min  
Delta R.T.: -0.010 min  
Response: 3186554  
Conc: 18.77 ug/ml



#9 ortho-Terphenyl (SURR)

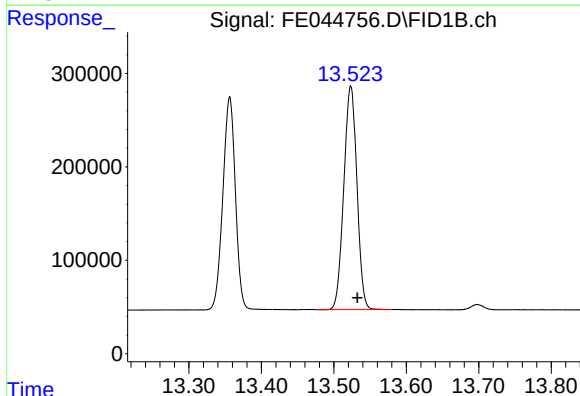
R.T.: 11.914 min  
Delta R.T.: -0.012 min  
Response: 3693569  
Conc: 19.67 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



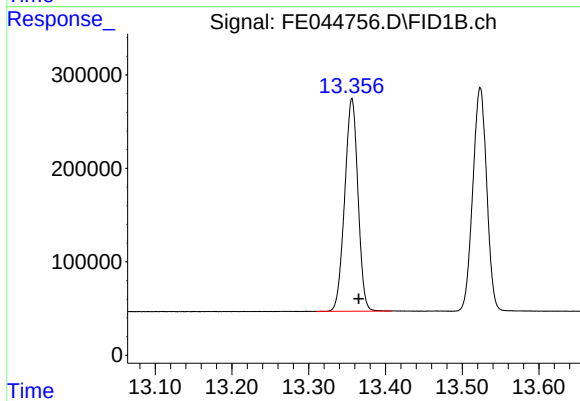
#10 n-Eicosane (C20)

R.T.: 12.911 min  
Delta R.T.: -0.009 min  
Response: 3079476  
Conc: 19.14 ug/ml



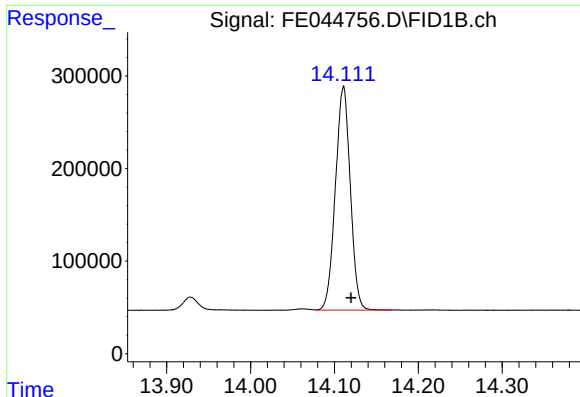
#11 n-Heneicosane (C21)

R.T.: 13.524 min  
Delta R.T.: -0.009 min  
Response: 3014286  
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

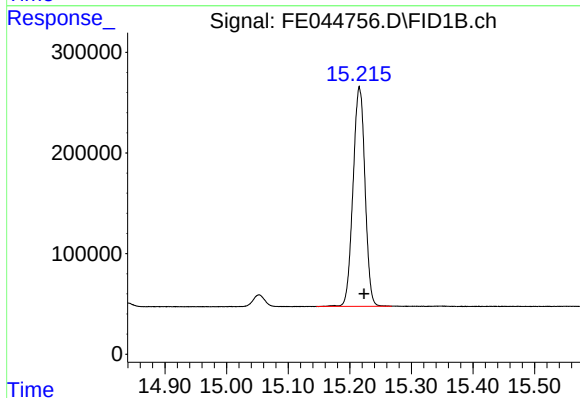
R.T.: 13.356 min  
Delta R.T.: -0.009 min  
Response: 2734409  
Conc: 20.10 ug/ml



#13 n-Docosane (C22)

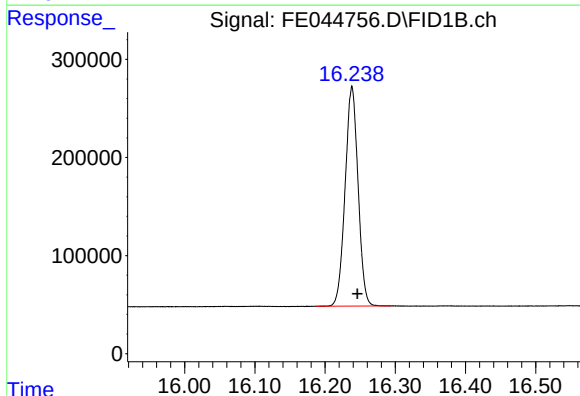
R.T.: 14.111 min  
Delta R.T.: -0.009 min  
Response: 2985174  
Conc: 19.36 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



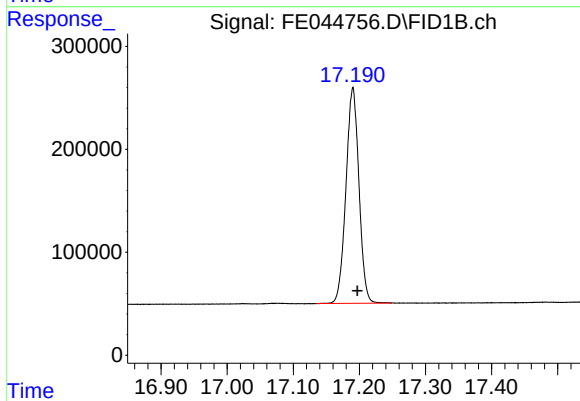
#14 n-Tetracosane (C24)

R.T.: 15.216 min  
Delta R.T.: -0.008 min  
Response: 2943015  
Conc: 19.47 ug/ml



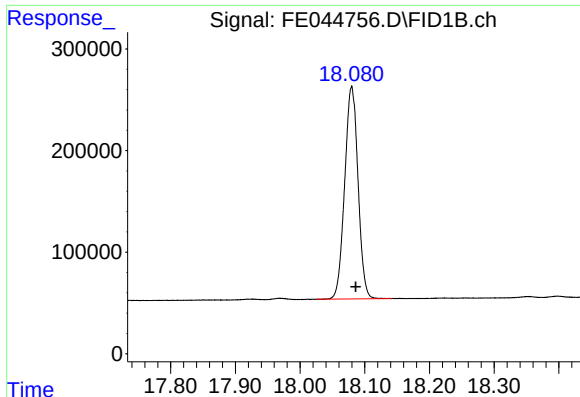
#15 n-Hexacosane (C26)

R.T.: 16.238 min  
Delta R.T.: -0.008 min  
Response: 2869363  
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

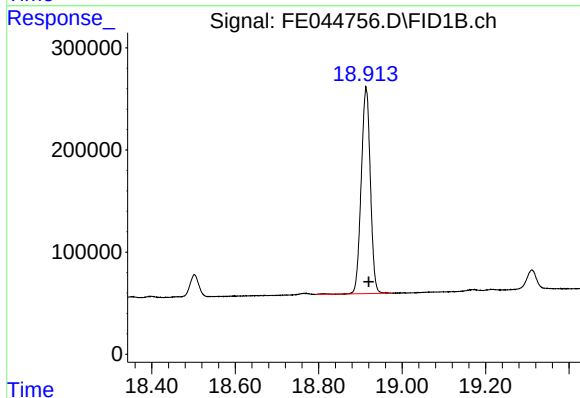
R.T.: 17.190 min  
Delta R.T.: -0.007 min  
Response: 2863570  
Conc: 19.97 ug/ml



#17 n-Tricontane (C30)

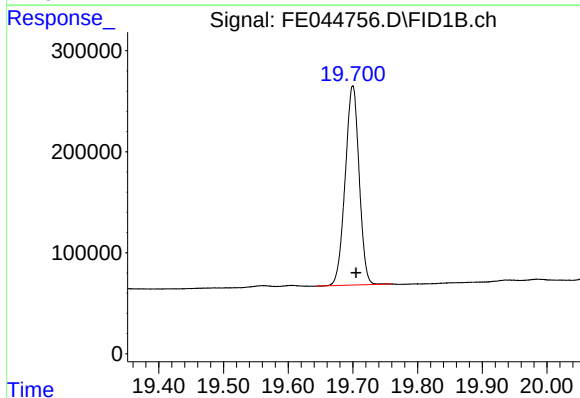
R.T.: 18.080 min  
Delta R.T.: -0.007 min  
Response: 2998368  
Conc: 20.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



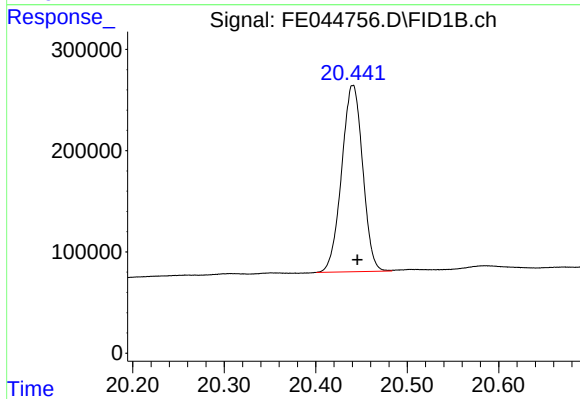
#18 n-Dotriacontane (C32)

R.T.: 18.914 min  
Delta R.T.: -0.006 min  
Response: 3064714  
Conc: 20.70 ug/ml



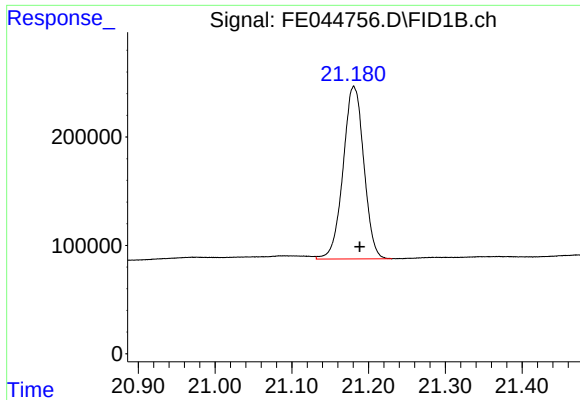
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min  
Delta R.T.: -0.005 min  
Response: 2957945  
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

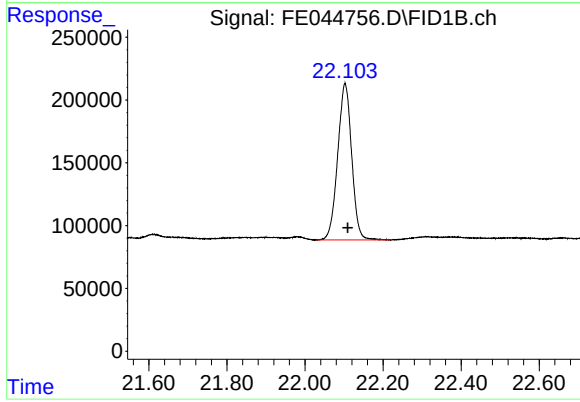
R.T.: 20.441 min  
Delta R.T.: -0.005 min  
Response: 2938625  
Conc: 20.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min  
Delta R.T.: -0.008 min  
Response: 2990007  
Conc: 19.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.102 min  
Delta R.T.: -0.007 min  
Response: 3098575  
Conc: 19.63 ug/ml