

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092523AL\  
 Data File : FE044422.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Sep 2023 12:22  
 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: Sep 25 12:48:07 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)    | 11.926 | 3774883    | 20.107 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.21%       |
| 12) S 1-chlorooctadecane (S... | 13.364 | 2754678    | 20.249 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.50%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.313  | 3228807    | 19.888 ug/ml |
| 2) T n-Decane (C10)            | 4.564  | 3249576    | 19.624 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.265  | 3535755    | 19.776 ug/ml |
| 4) T n-Dodecane (C12)          | 6.728  | 3275437    | 19.692 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.360  | 3430494    | 20.051 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.555  | 3240012    | 19.736 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.164 | 3280155    | 19.363 ug/ml |
| 8) T n-Octadecane (C18)        | 11.609 | 3266937    | 19.241 ug/ml |
| 10) T n-Eicosane (C20)         | 12.919 | 3128716    | 19.446 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.532 | 3055786    | 19.515 ug/ml |
| 13) T n-Docosane (C22)         | 14.118 | 3000600    | 19.455 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.222 | 2906725    | 19.229 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.243 | 2811981    | 19.117 ug/ml |
| 16) T n-Octacosane (C28)       | 17.195 | 2726242    | 19.008 ug/ml |
| 17) T n-Tricontane (C30)       | 18.084 | 2744909    | 18.518 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.919 | 2734251    | 18.470 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.704 | 2714793    | 18.576 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.446 | 2785189    | 19.201 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.188 | 2839851    | 18.959 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.109 | 2977701    | 18.869 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

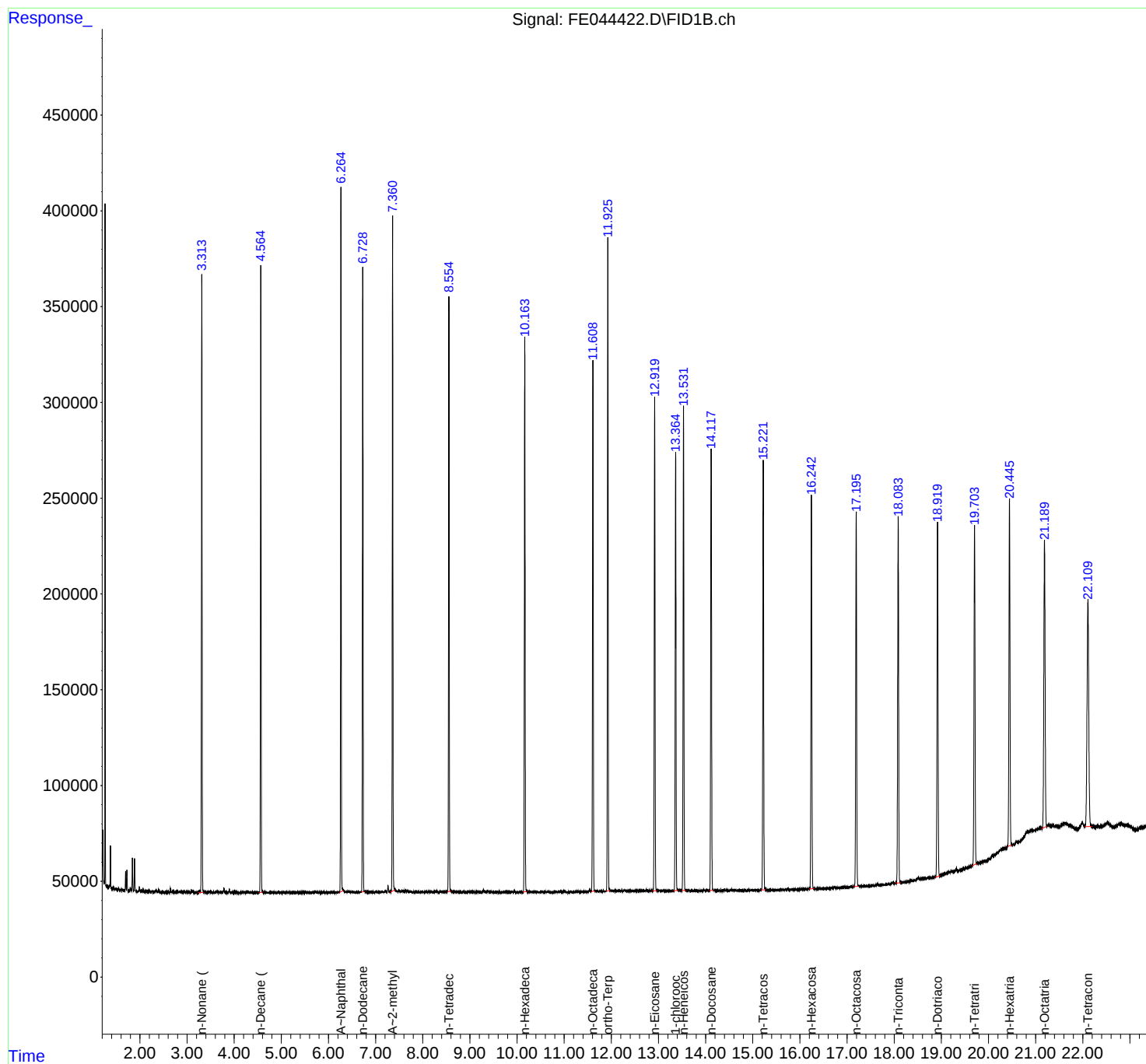
(m)=manual int.

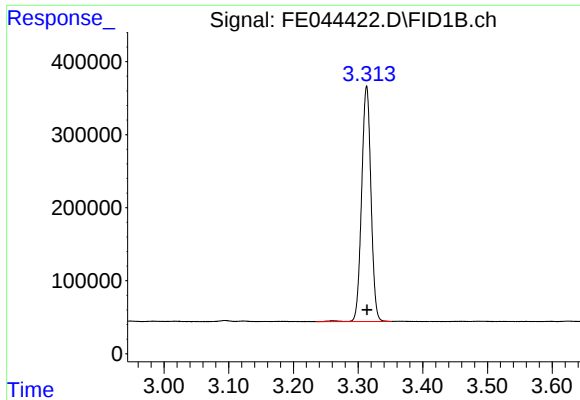
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092523AL\  
Data File : FE044422.D  
Signal(s) : FID1B.ch  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092523.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 25 11:06:21 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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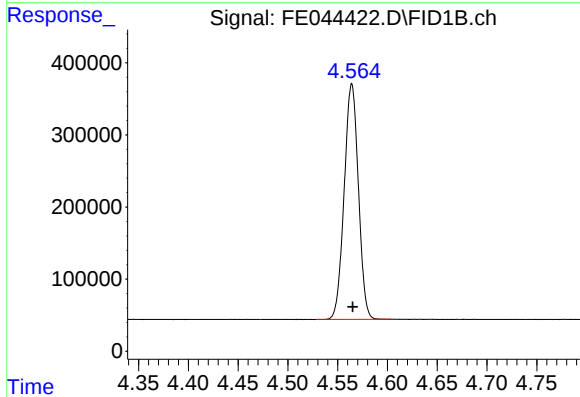




#1 n-Nonane (C9)

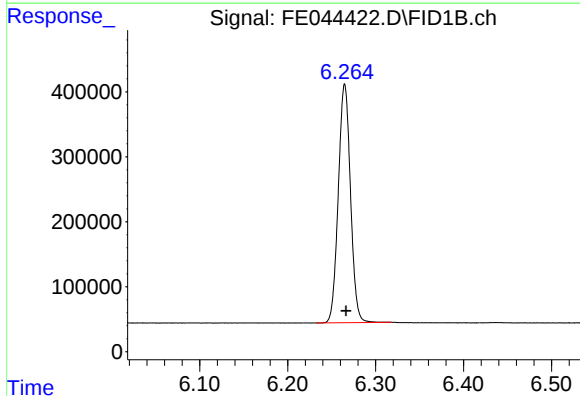
R.T.: 3.313 min  
Delta R.T.: 0.000 min  
Response: 3228807  
Conc: 19.89 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



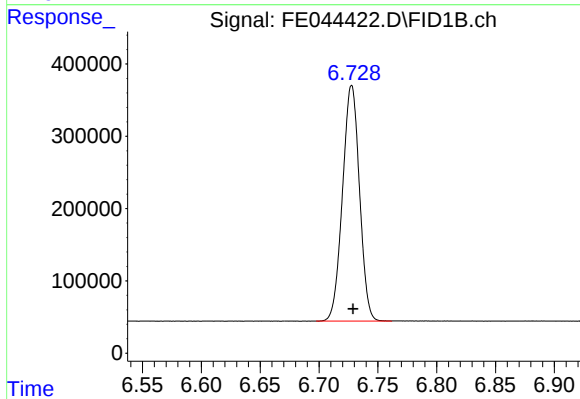
#2 n-Decane (C10)

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 3249576  
Conc: 19.62 ug/ml



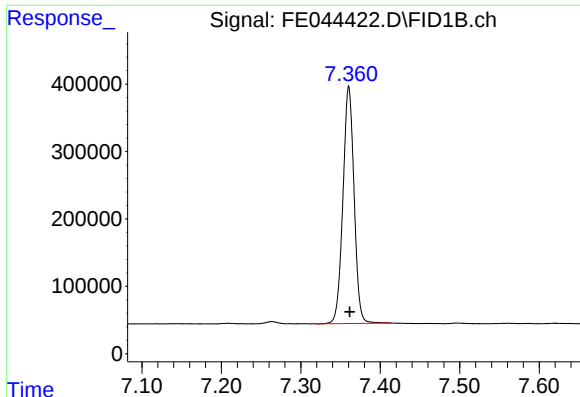
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min  
Delta R.T.: -0.002 min  
Response: 3535755  
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

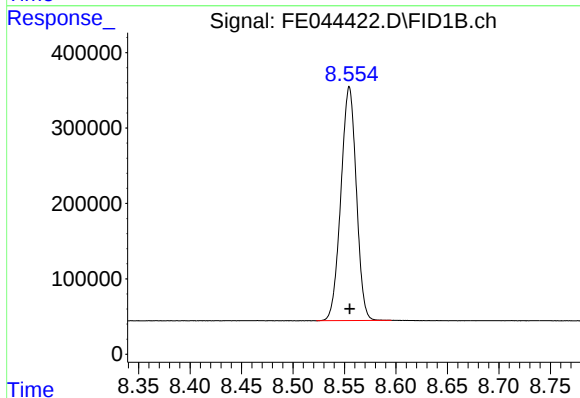
R.T.: 6.728 min  
Delta R.T.: -0.001 min  
Response: 3275437  
Conc: 19.69 ug/ml



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

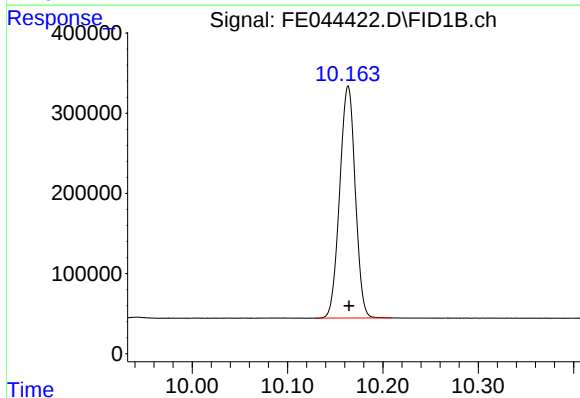
R.T.: 7.360 min  
Delta R.T.: -0.001 min  
Response: 3430494  
Conc: 20.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



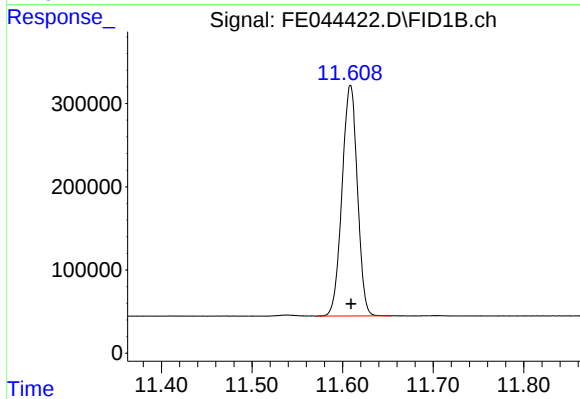
#6 n-Tetradecane (C14)

R.T.: 8.555 min  
Delta R.T.: 0.000 min  
Response: 3240012  
Conc: 19.74 ug/ml



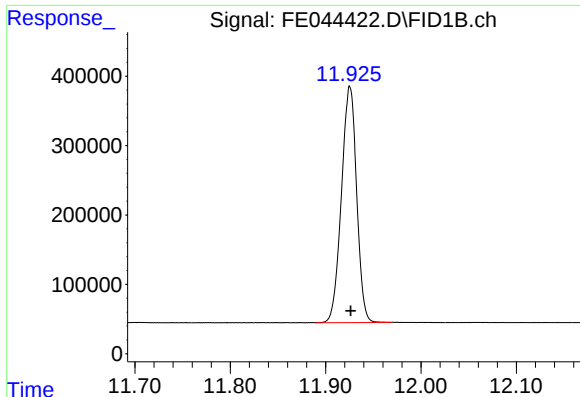
#7 n-Hexadecane (C16)

R.T.: 10.164 min  
Delta R.T.: -0.001 min  
Response: 3280155  
Conc: 19.36 ug/ml



#8 n-Octadecane (C18)

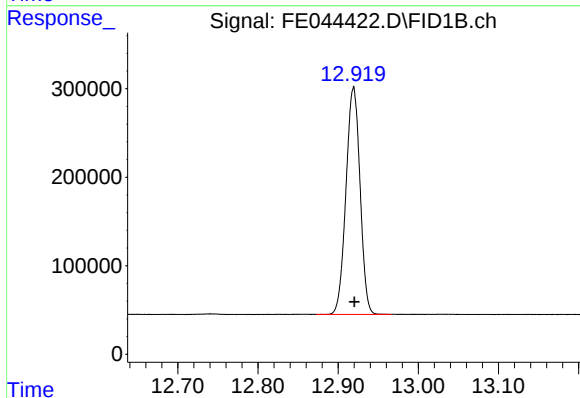
R.T.: 11.609 min  
Delta R.T.: 0.000 min  
Response: 3266937  
Conc: 19.24 ug/ml



#9 ortho-Terphenyl (SURR)

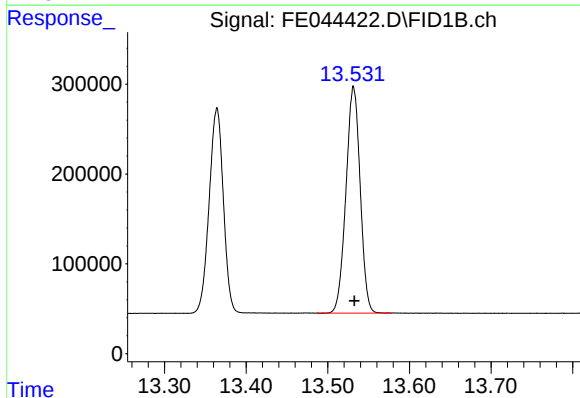
R.T.: 11.926 min  
Delta R.T.: 0.000 min  
Response: 3774883  
Conc: 20.11 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



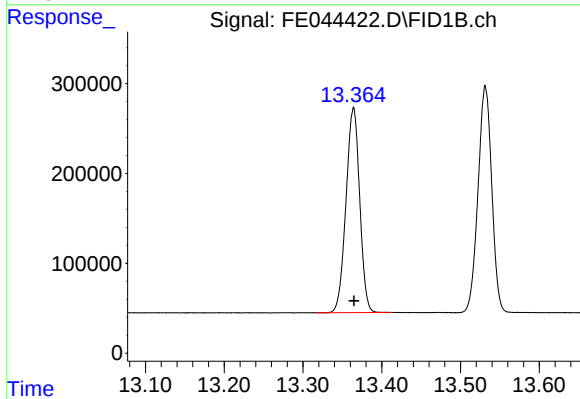
#10 n-Eicosane (C20)

R.T.: 12.919 min  
Delta R.T.: 0.000 min  
Response: 3128716  
Conc: 19.45 ug/ml



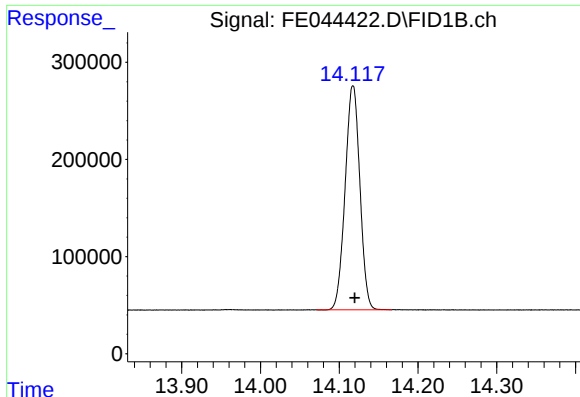
#11 n-Heneicosane (C21)

R.T.: 13.532 min  
Delta R.T.: 0.000 min  
Response: 3055786  
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

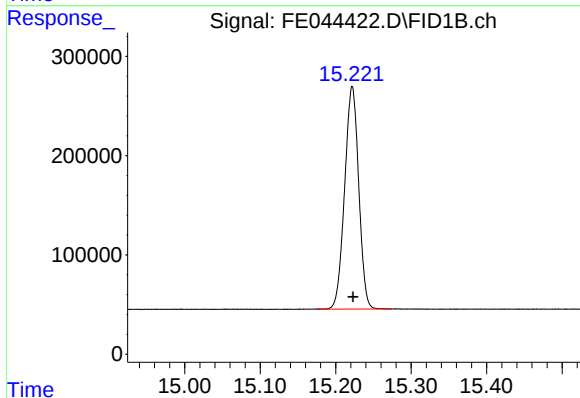
R.T.: 13.364 min  
Delta R.T.: 0.000 min  
Response: 2754678  
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

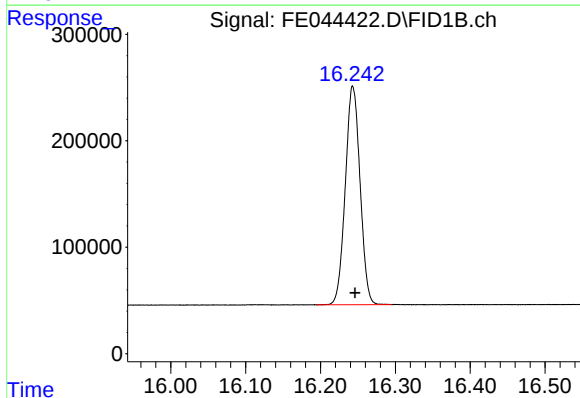
R.T.: 14.118 min  
Delta R.T.: -0.002 min  
Response: 3000600  
Conc: 19.46 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



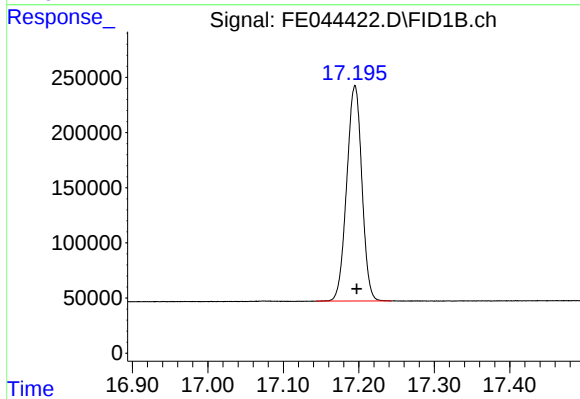
#14 n-Tetracosane (C24)

R.T.: 15.222 min  
Delta R.T.: -0.001 min  
Response: 2906725  
Conc: 19.23 ug/ml



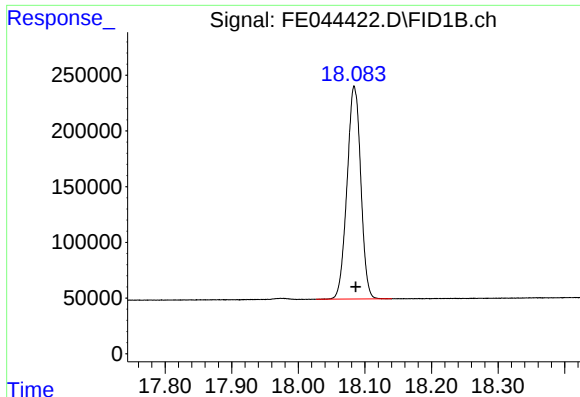
#15 n-Hexacosane (C26)

R.T.: 16.243 min  
Delta R.T.: -0.003 min  
Response: 2811981  
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

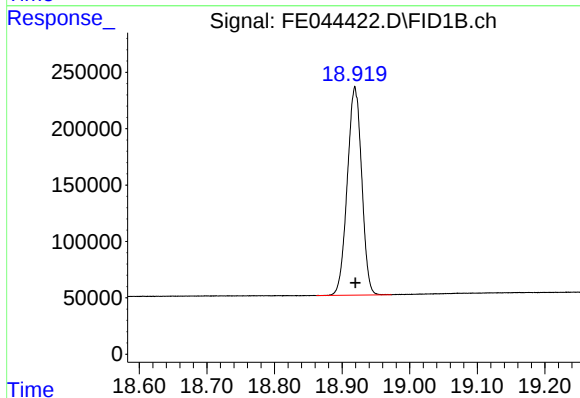
R.T.: 17.195 min  
Delta R.T.: -0.002 min  
Response: 2726242  
Conc: 19.01 ug/ml



#17 n-Tricontane (C30)

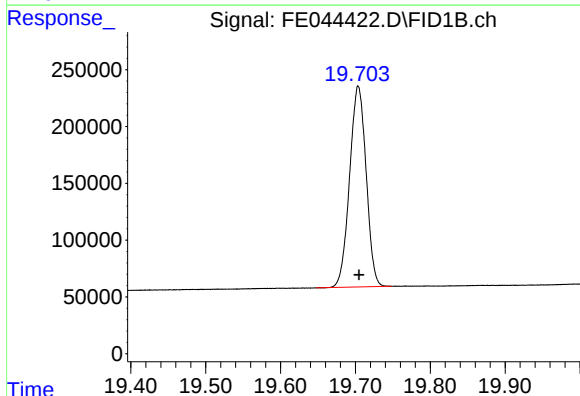
R.T.: 18.084 min  
Delta R.T.: -0.002 min  
Response: 2744909  
Conc: 18.52 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



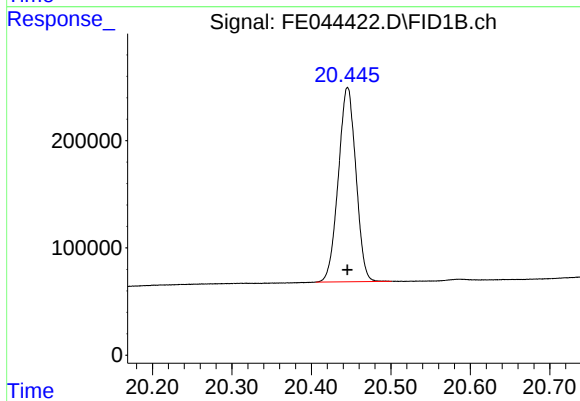
#18 n-Dotriacontane (C32)

R.T.: 18.919 min  
Delta R.T.: 0.000 min  
Response: 2734251  
Conc: 18.47 ug/ml



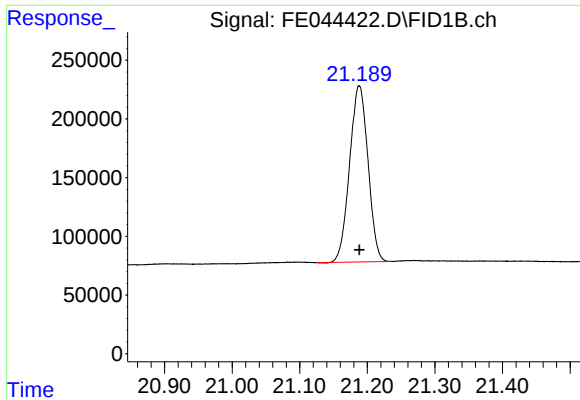
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min  
Delta R.T.: -0.001 min  
Response: 2714793  
Conc: 18.58 ug/ml



#20 n-Hexatriacontane (C36)

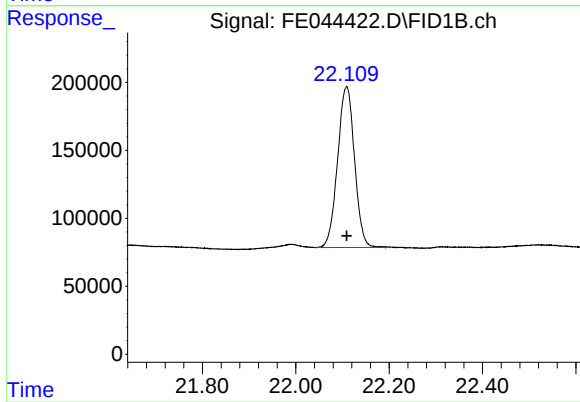
R.T.: 20.446 min  
Delta R.T.: 0.000 min  
Response: 2785189  
Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min  
Delta R.T.: 0.000 min  
Response: 2839851  
Conc: 18.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.109 min  
Delta R.T.: 0.000 min  
Response: 2977701  
Conc: 18.87 ug/ml