

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092623AL\  
 Data File : FE044448.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Sep 2023 13:23  
 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: Sep 27 00:30:55 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)    | 11.923 | 3785558    | 20.164 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.33%       |
| 12) S 1-chlorooctadecane (S... | 13.362 | 2763516    | 20.313 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.63%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.312  | 3260161    | 20.081 ug/ml |
| 2) T n-Decane (C10)            | 4.563  | 3319167    | 20.044 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.264  | 3595872    | 20.113 ug/ml |
| 4) T n-Dodecane (C12)          | 6.727  | 3337825    | 20.067 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.359  | 3452159    | 20.178 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.553  | 3297277    | 20.085 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.162 | 3402577    | 20.085 ug/ml |
| 8) T n-Octadecane (C18)        | 11.606 | 3415446    | 20.116 ug/ml |
| 10) T n-Eicosane (C20)         | 12.917 | 3238095    | 20.126 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.529 | 3151323    | 20.125 ug/ml |
| 13) T n-Docosane (C22)         | 14.116 | 3099984    | 20.099 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.220 | 3043221    | 20.132 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.242 | 2966891    | 20.170 ug/ml |
| 16) T n-Octacosane (C28)       | 17.193 | 2903145    | 20.242 ug/ml |
| 17) T n-Tricontane (C30)       | 18.080 | 3041934    | 20.521 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.914 | 3070089    | 20.739 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.700 | 3017702    | 20.649 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.441 | 2958534    | 20.396 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.182 | 3107866    | 20.748 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.102 | 3355394    | 21.262 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

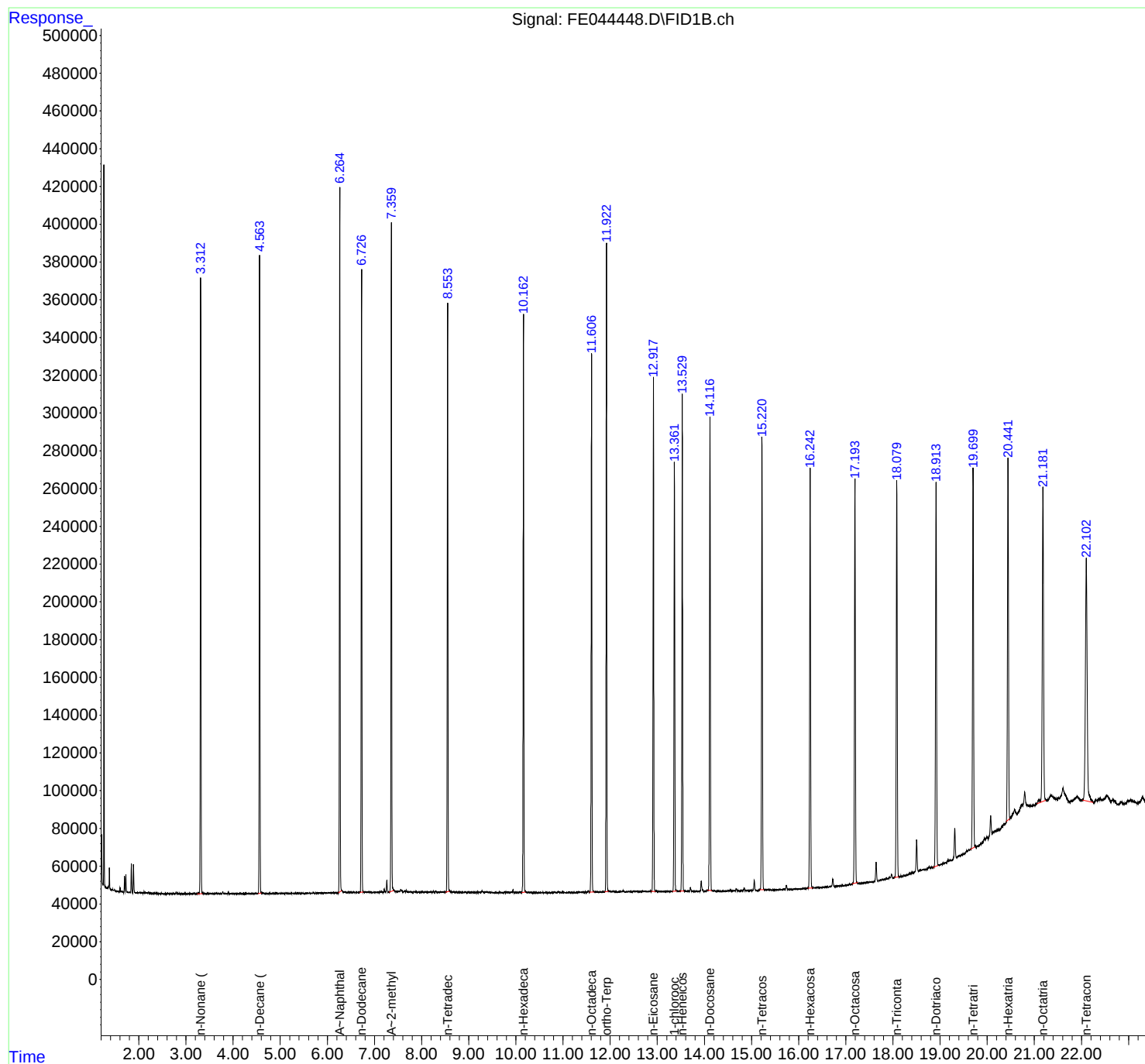
(m)=manual int.

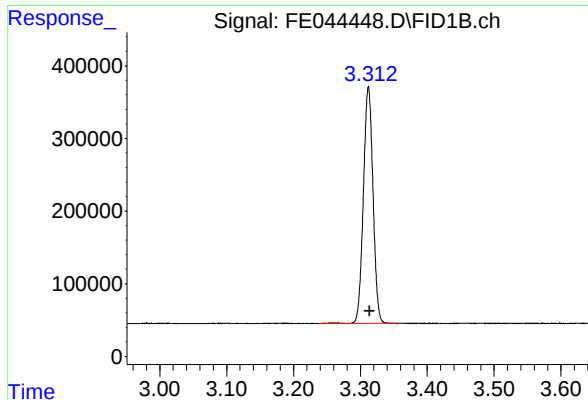
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092623AL\  
Data File : FE044448.D  
Signal(s) : FID1B.ch  
Acq On : 26 Sep 2023 13:23  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
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QLast Update : Mon Sep 25 11:06:21 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

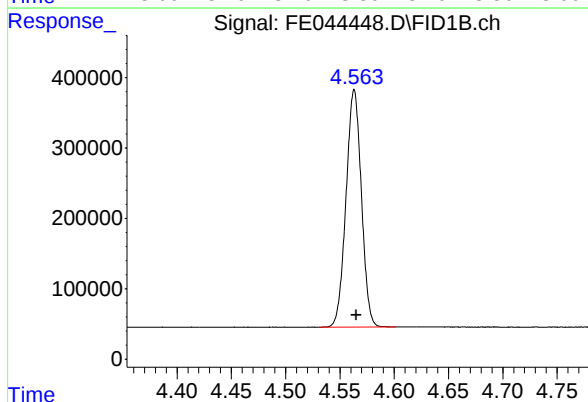




#1 n-Nonane (C9)

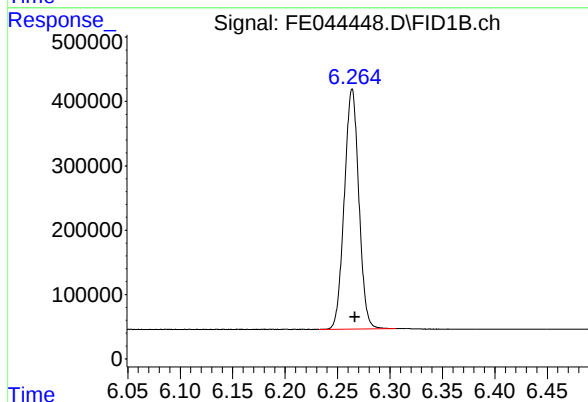
R.T.: 3.312 min  
Delta R.T.: -0.002 min  
Response: 3260161  
Conc: 20.08 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



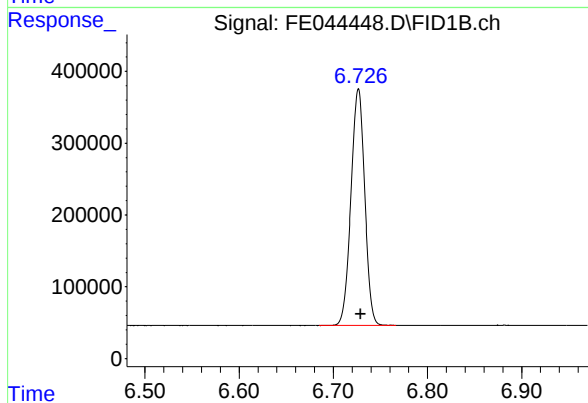
#2 n-Decane (C10)

R.T.: 4.563 min  
Delta R.T.: -0.002 min  
Response: 3319167  
Conc: 20.04 ug/ml



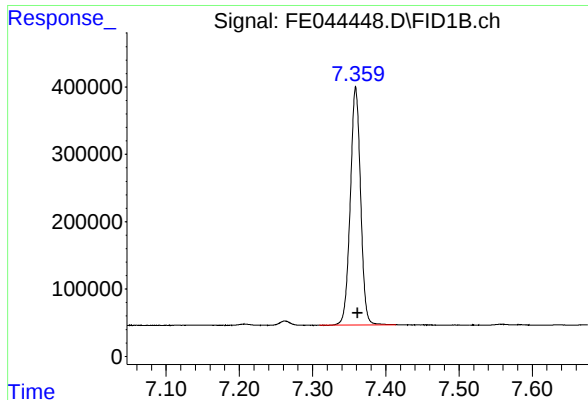
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min  
Delta R.T.: -0.003 min  
Response: 3595872  
Conc: 20.11 ug/ml



#4 n-Dodecane (C12)

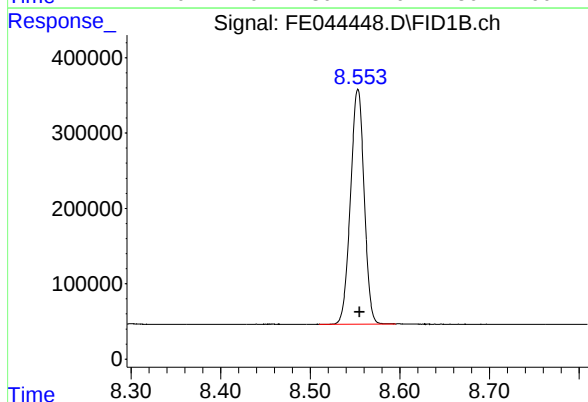
R.T.: 6.727 min  
Delta R.T.: -0.002 min  
Response: 3337825  
Conc: 20.07 ug/ml



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

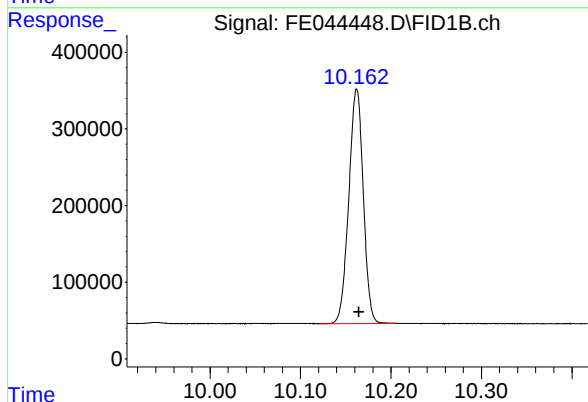
R.T.: 7.359 min  
Delta R.T.: -0.003 min  
Response: 3452159  
Conc: 20.18 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



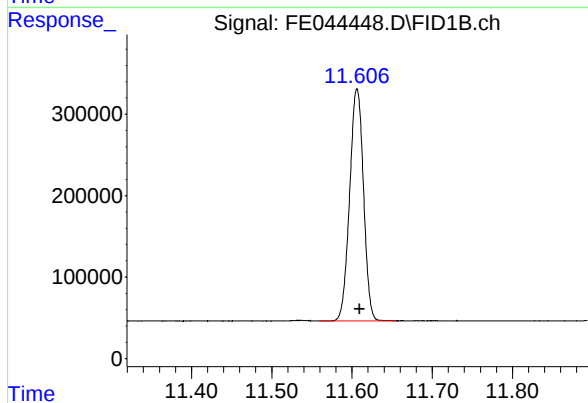
#6 n-Tetradecane (C14)

R.T.: 8.553 min  
Delta R.T.: -0.002 min  
Response: 3297277  
Conc: 20.08 ug/ml



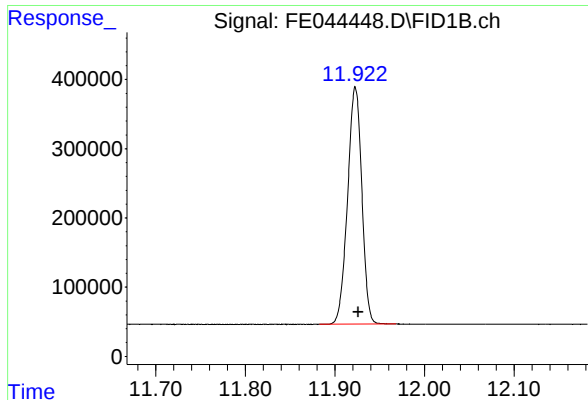
#7 n-Hexadecane (C16)

R.T.: 10.162 min  
Delta R.T.: -0.002 min  
Response: 3402577  
Conc: 20.09 ug/ml



#8 n-Octadecane (C18)

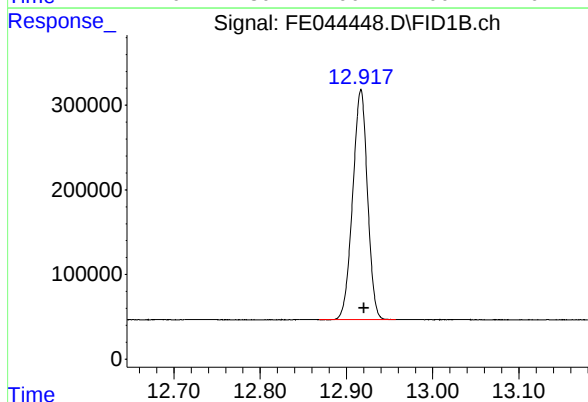
R.T.: 11.606 min  
Delta R.T.: -0.003 min  
Response: 3415446  
Conc: 20.12 ug/ml



#9 ortho-Terphenyl (SURR)

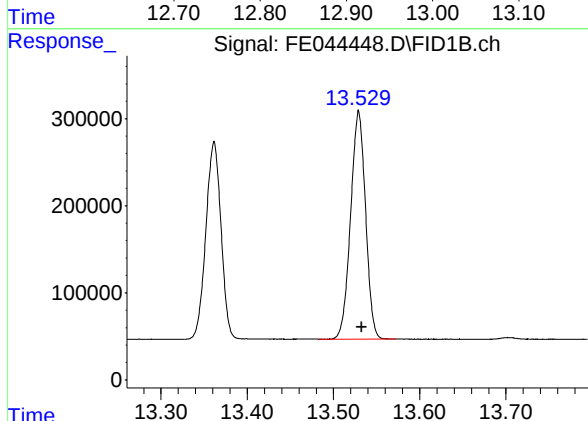
R.T.: 11.923 min  
Delta R.T.: -0.003 min  
Response: 3785558  
Conc: 20.16 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



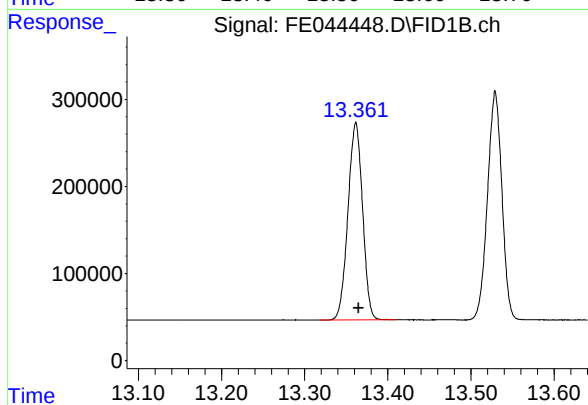
#10 n-Eicosane (C20)

R.T.: 12.917 min  
Delta R.T.: -0.003 min  
Response: 3238095  
Conc: 20.13 ug/ml



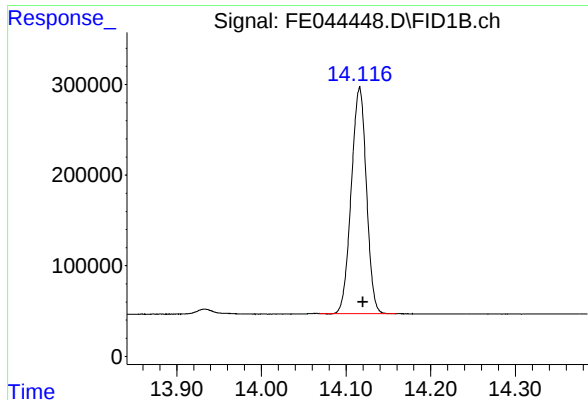
#11 n-Heneicosane (C21)

R.T.: 13.529 min  
Delta R.T.: -0.003 min  
Response: 3151323  
Conc: 20.13 ug/ml



#12 1-chlorooctadecane (SURR)

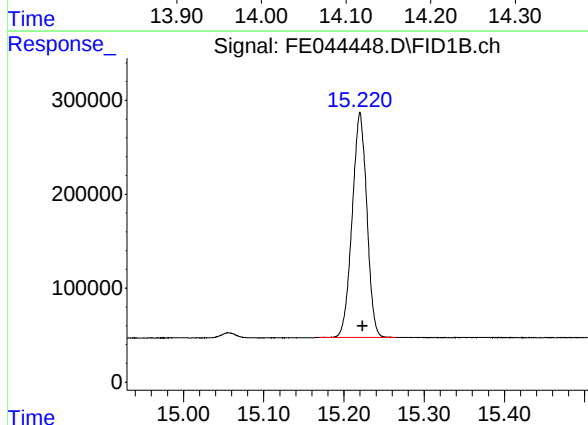
R.T.: 13.362 min  
Delta R.T.: -0.003 min  
Response: 2763516  
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

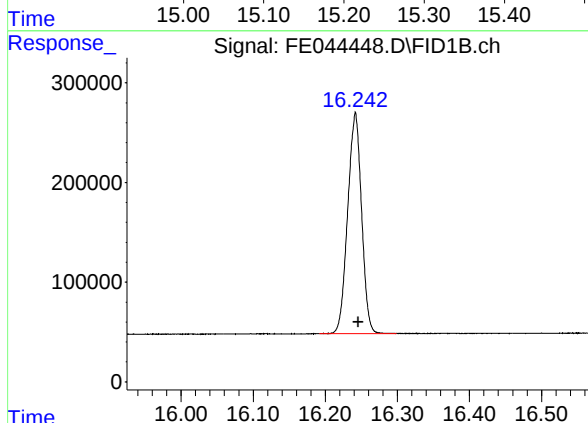
R.T.: 14.116 min  
Delta R.T.: -0.004 min  
Response: 3099984  
Conc: 20.10 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



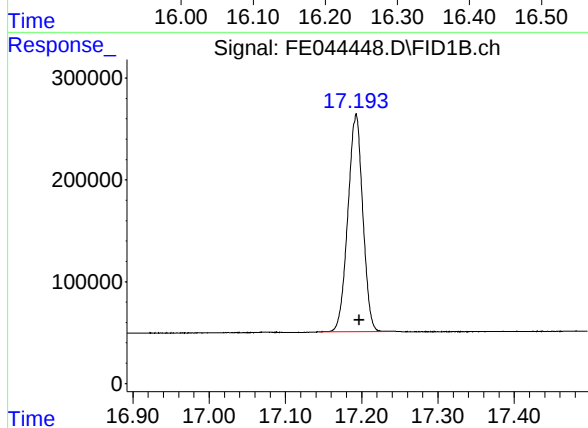
#14 n-Tetracosane (C24)

R.T.: 15.220 min  
Delta R.T.: -0.003 min  
Response: 3043221  
Conc: 20.13 ug/ml



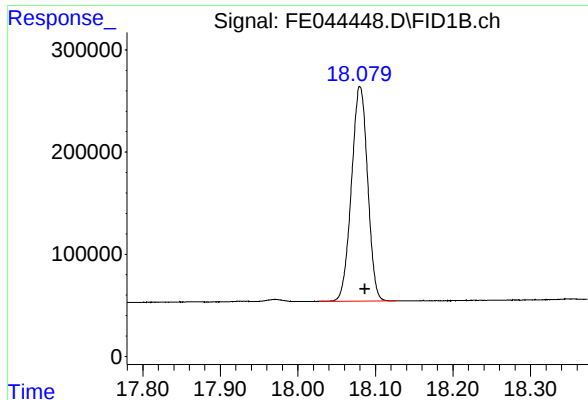
#15 n-Hexacosane (C26)

R.T.: 16.242 min  
Delta R.T.: -0.004 min  
Response: 2966891  
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

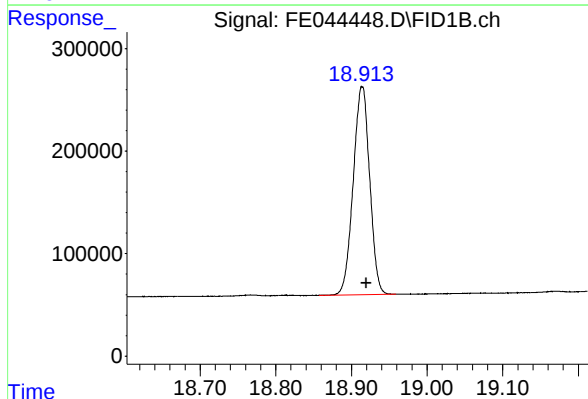
R.T.: 17.193 min  
Delta R.T.: -0.004 min  
Response: 2903145  
Conc: 20.24 ug/ml



#17 n-Tricontane (C30)

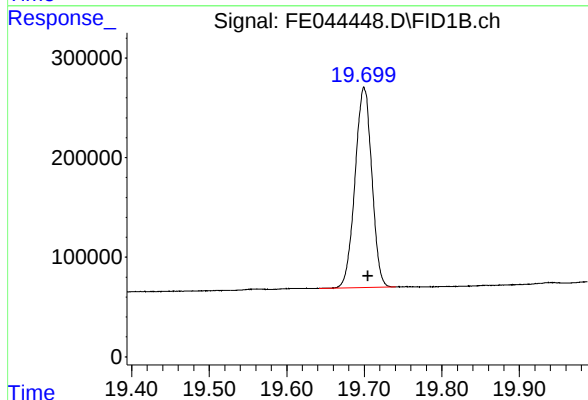
R.T.: 18.080 min  
Delta R.T.: -0.006 min  
Response: 3041934  
Conc: 20.52 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



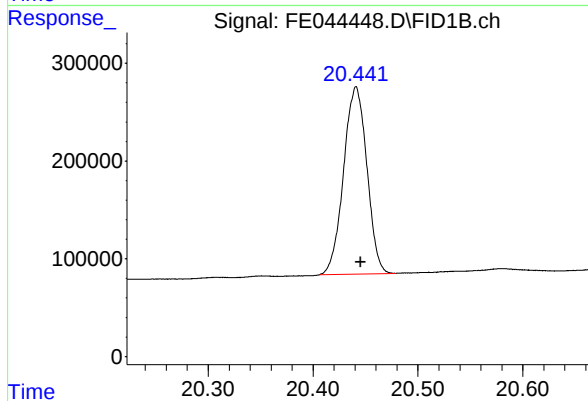
#18 n-Dotriacontane (C32)

R.T.: 18.914 min  
Delta R.T.: -0.006 min  
Response: 3070089  
Conc: 20.74 ug/ml



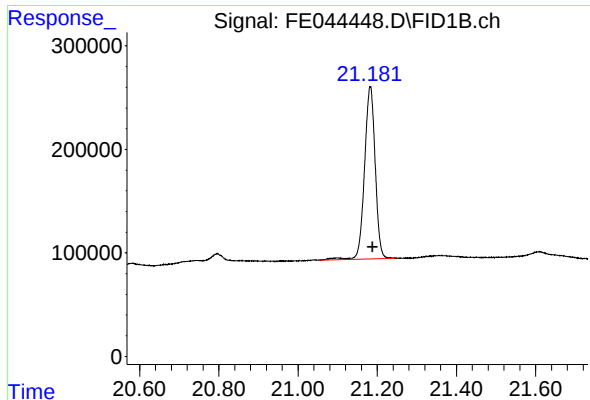
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min  
Delta R.T.: -0.005 min  
Response: 3017702  
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

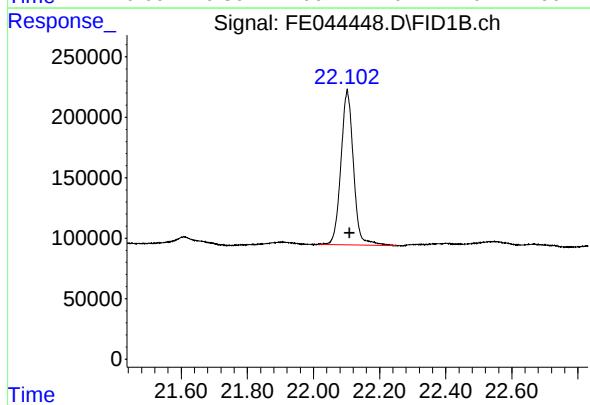
R.T.: 20.441 min  
Delta R.T.: -0.004 min  
Response: 2958534  
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.182 min  
Delta R.T.: -0.006 min  
Response: 3107866  
Conc: 20.75 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.102 min  
Delta R.T.: -0.007 min  
Response: 3355394  
Conc: 21.26 ug/ml