

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062123AL\  
 Data File : FE042778.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Jun 2023 09:07  
 Operator : YP\AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Jun 21 10:21:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 21 10:02:29 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)    | 11.930 | 8842309    | 47.856 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 95.71%       |
| 12) S 1-chlorooctadecane (S... | 13.365 | 6569603    | 47.935 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 95.87%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.307  | 7515070    | 48.101 ug/ml |
| 2) T n-Decane (C10)            | 4.559  | 7715655    | 48.136 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.268  | 8464695    | 48.305 ug/ml |
| 4) T n-Dodecane (C12)          | 6.729  | 7822385    | 48.027 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.366  | 8155006    | 48.281 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.558  | 7747886    | 47.998 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.167 | 7981021    | 47.908 ug/ml |
| 8) T n-Octadecane (C18)        | 11.611 | 8010893    | 47.907 ug/ml |
| 10) T n-Eicosane (C20)         | 12.919 | 7611641    | 47.802 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.531 | 7422970    | 47.818 ug/ml |
| 13) T n-Docosane (C22)         | 14.118 | 7302541    | 47.622 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.221 | 7090508    | 47.369 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.242 | 6802619    | 47.004 ug/ml |
| 16) T n-Octacosane (C28)       | 17.193 | 6545065    | 46.839 ug/ml |
| 17) T n-Tricontane (C30)       | 18.079 | 6568436    | 46.767 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.912 | 6467789    | 46.951 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.697 | 6413867    | 47.494 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.436 | 6373626    | 47.562 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.181 | 6509152    | 47.753 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.103 | 6714424    | 47.994 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

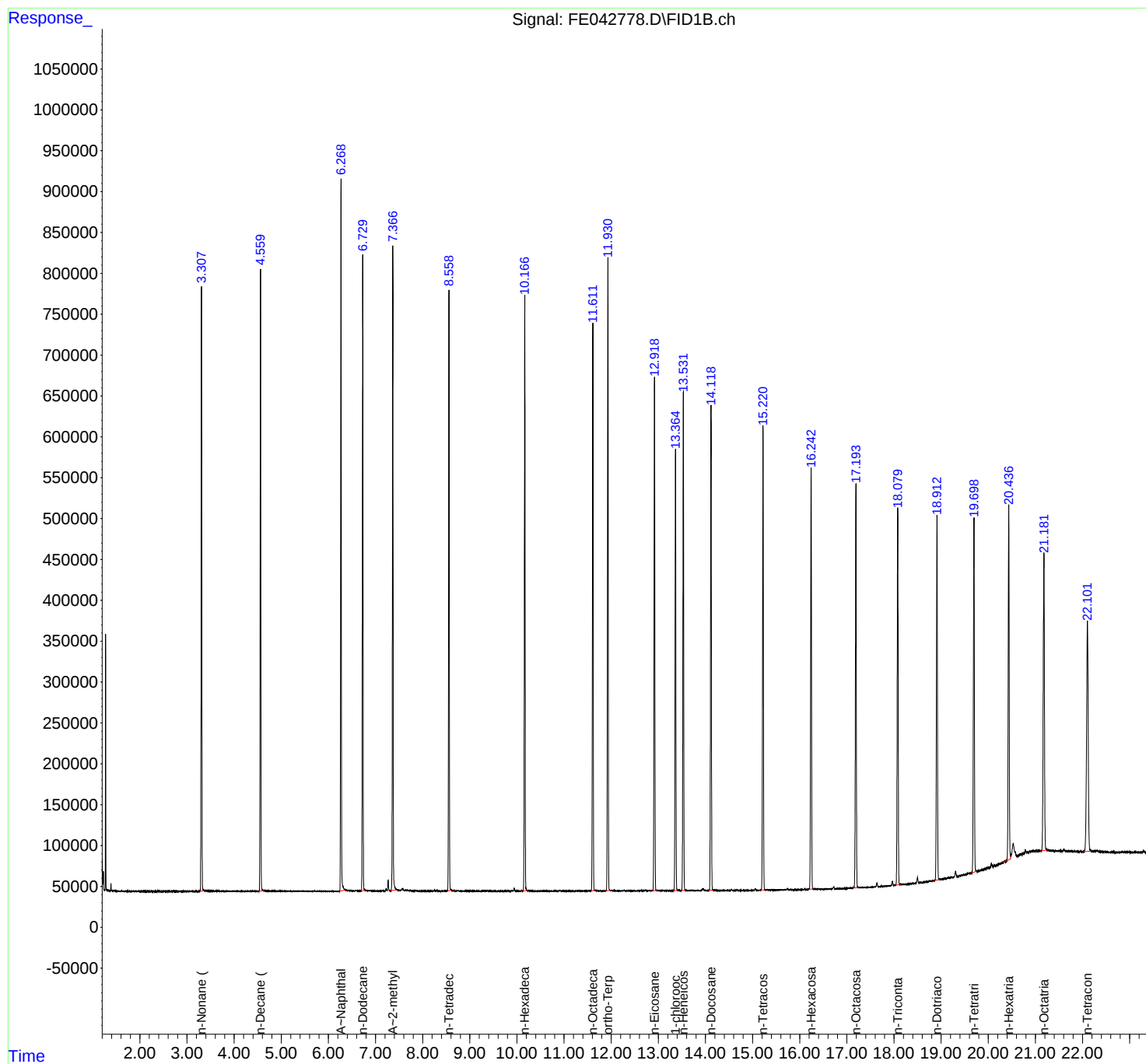
(m)=manual int.

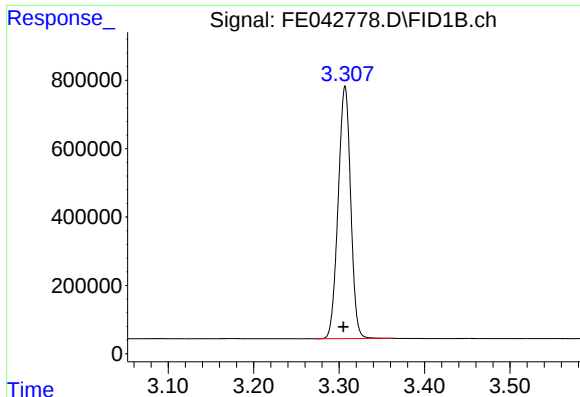
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062123AL\  
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062123.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 21 10:02:29 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

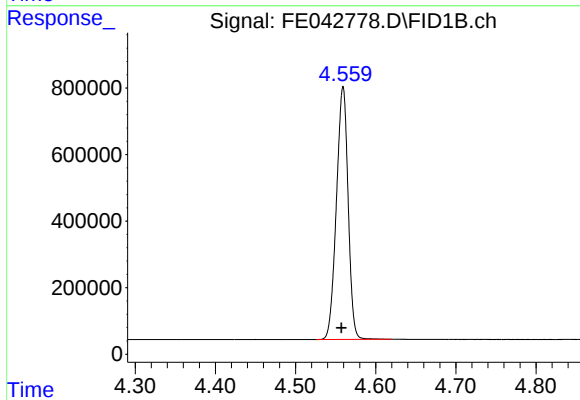




#1 n-Nonane (C9)

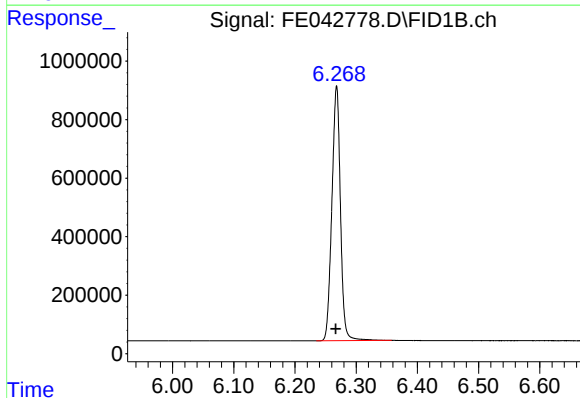
R.T.: 3.307 min  
Delta R.T.: 0.002 min  
Response: 7515070  
Conc: 48.10 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



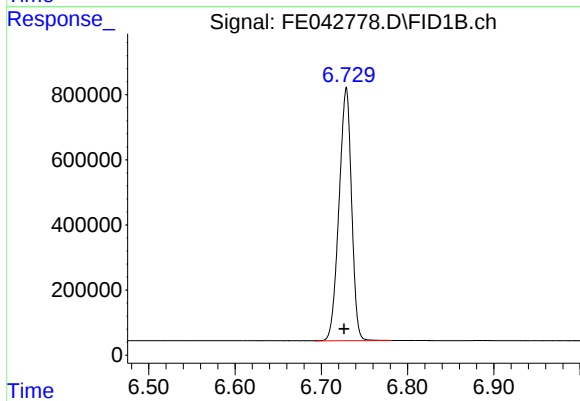
#2 n-Decane (C10)

R.T.: 4.559 min  
Delta R.T.: 0.002 min  
Response: 7715655  
Conc: 48.14 ug/ml



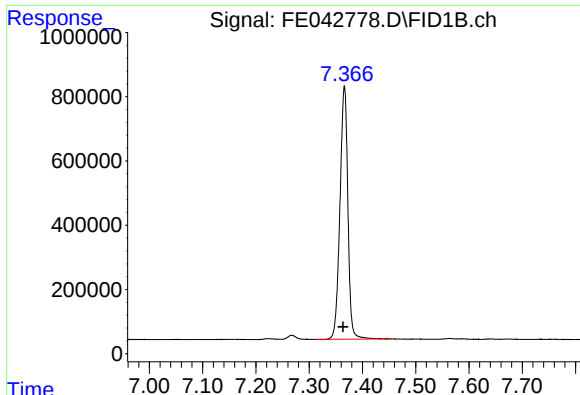
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min  
Delta R.T.: 0.002 min  
Response: 8464695  
Conc: 48.31 ug/ml



#4 n-Dodecane (C12)

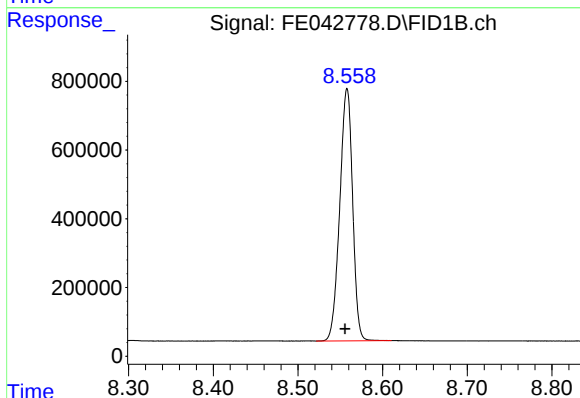
R.T.: 6.729 min  
Delta R.T.: 0.003 min  
Response: 7822385  
Conc: 48.03 ug/ml



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

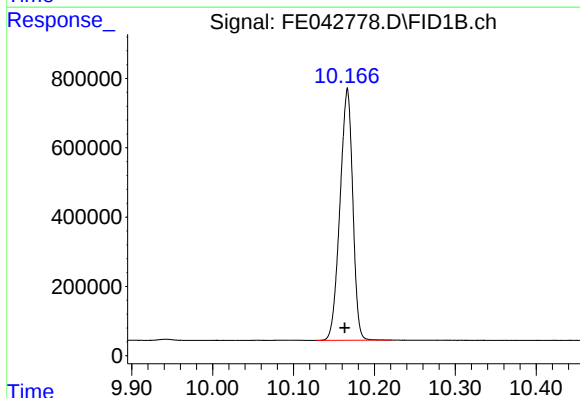
R.T.: 7.366 min  
Delta R.T.: 0.003 min  
Response: 8155006  
Conc: 48.28 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



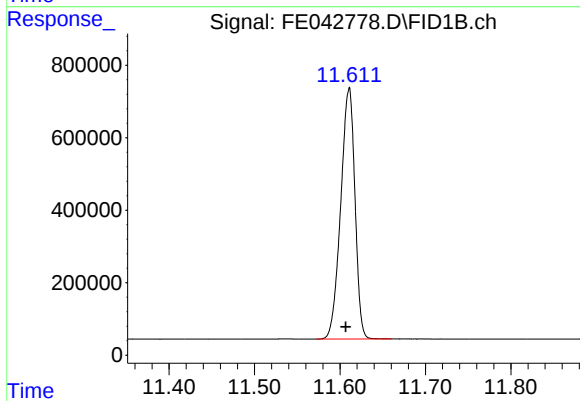
#6 n-Tetradecane (C14)

R.T.: 8.558 min  
Delta R.T.: 0.003 min  
Response: 7747886  
Conc: 48.00 ug/ml



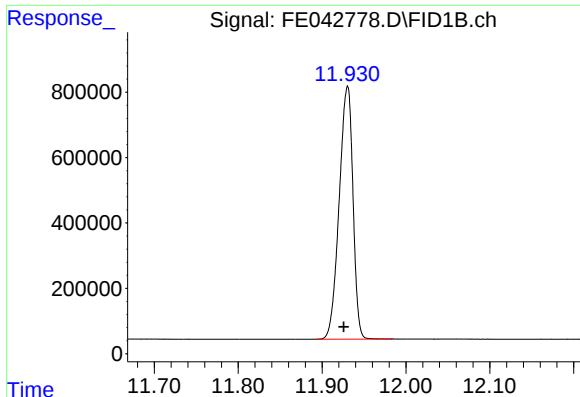
#7 n-Hexadecane (C16)

R.T.: 10.167 min  
Delta R.T.: 0.004 min  
Response: 7981021  
Conc: 47.91 ug/ml



#8 n-Octadecane (C18)

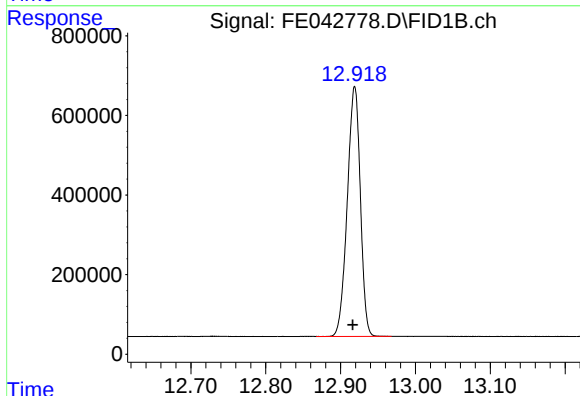
R.T.: 11.611 min  
Delta R.T.: 0.004 min  
Response: 8010893  
Conc: 47.91 ug/ml



#9 ortho-Terphenyl (SURR)

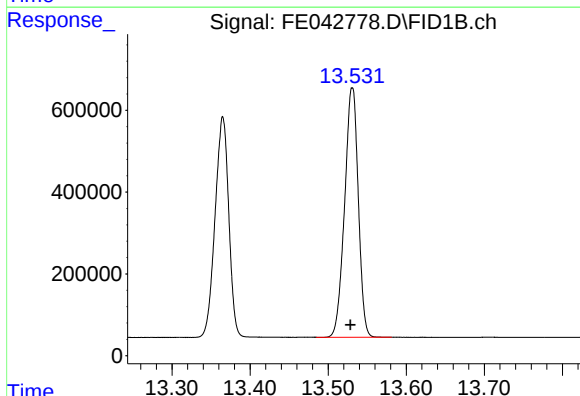
R.T.: 11.930 min  
Delta R.T.: 0.005 min  
Response: 8842309  
Conc: 47.86 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



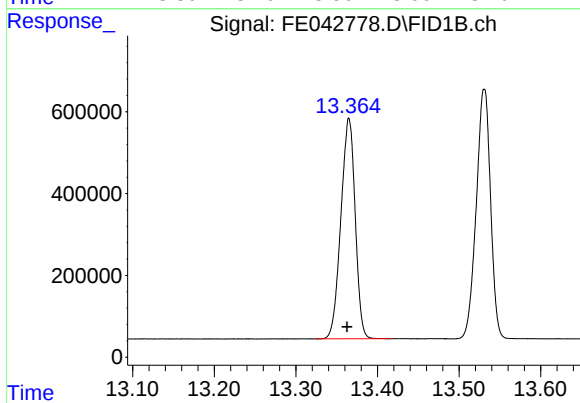
#10 n-Eicosane (C20)

R.T.: 12.919 min  
Delta R.T.: 0.003 min  
Response: 7611641  
Conc: 47.80 ug/ml



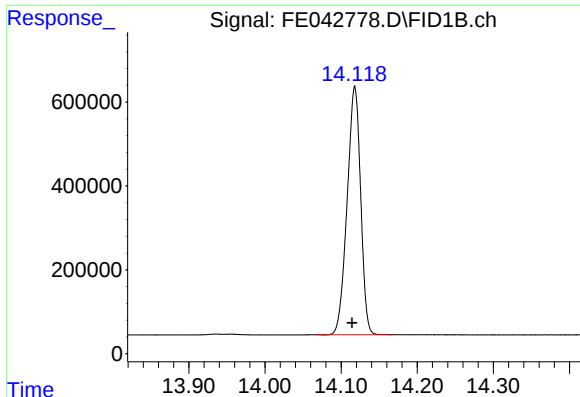
#11 n-Heneicosane (C21)

R.T.: 13.531 min  
Delta R.T.: 0.003 min  
Response: 7422970  
Conc: 47.82 ug/ml



#12 1-chlorooctadecane (SURR)

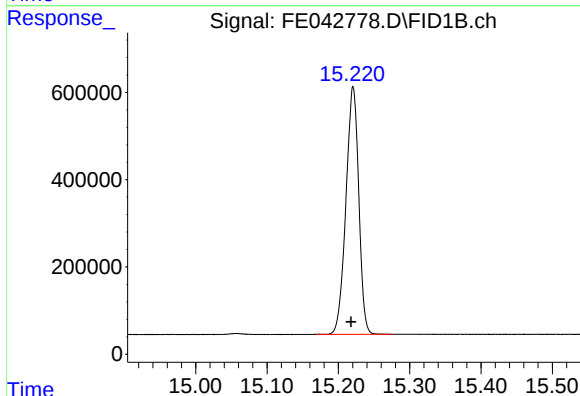
R.T.: 13.365 min  
Delta R.T.: 0.002 min  
Response: 6569603  
Conc: 47.94 ug/ml



#13 n-Docosane (C22)

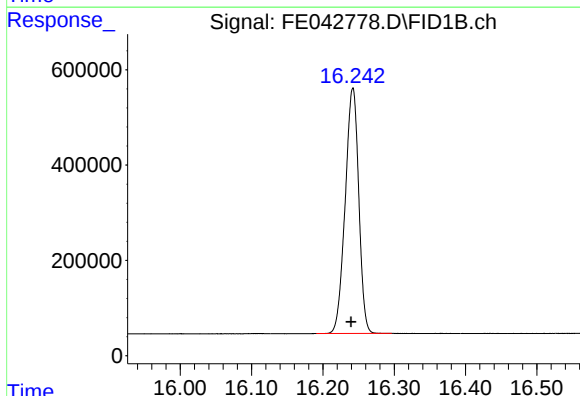
R.T.: 14.118 min  
Delta R.T.: 0.003 min  
Response: 7302541  
Conc: 47.62 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



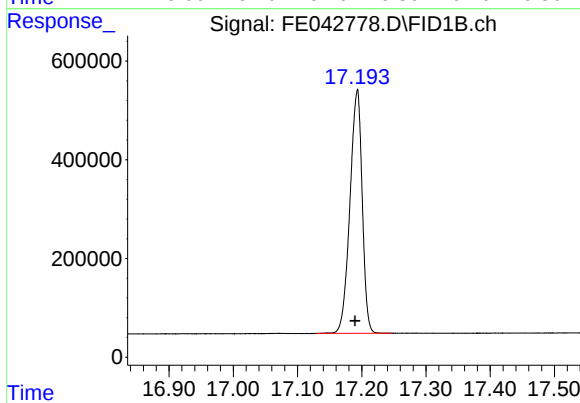
#14 n-Tetracosane (C24)

R.T.: 15.221 min  
Delta R.T.: 0.003 min  
Response: 7090508  
Conc: 47.37 ug/ml



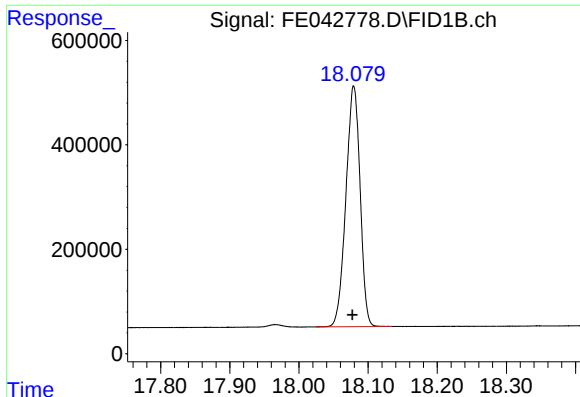
#15 n-Hexacosane (C26)

R.T.: 16.242 min  
Delta R.T.: 0.002 min  
Response: 6802619  
Conc: 47.00 ug/ml



#16 n-Octacosane (C28)

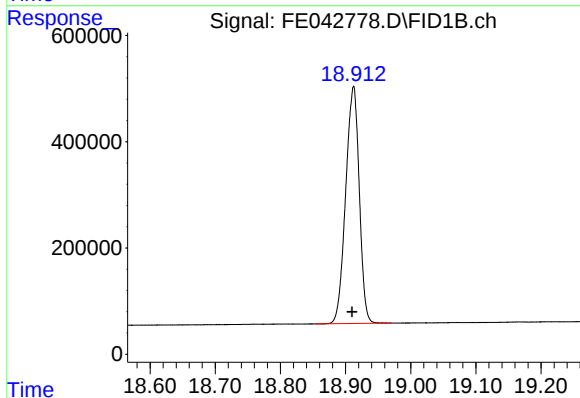
R.T.: 17.193 min  
Delta R.T.: 0.004 min  
Response: 6545065  
Conc: 46.84 ug/ml



#17 n-Tricontane (C30)

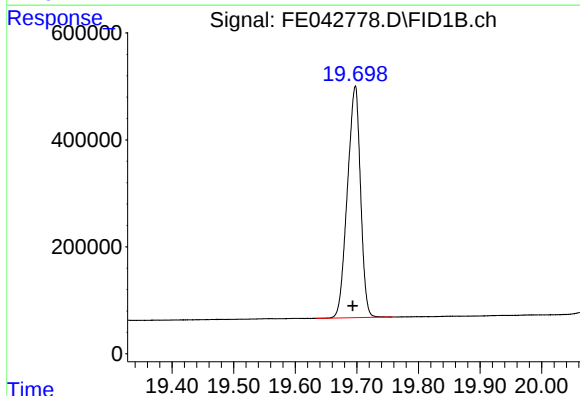
R.T.: 18.079 min  
Delta R.T.: 0.002 min  
Response: 6568436  
Conc: 46.77 ug/ml

Instrument :  
FID\_E  
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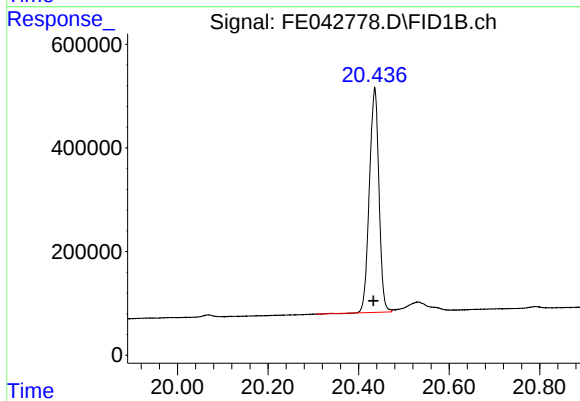
#18 n-Dotriacontane (C32)

R.T.: 18.912 min  
Delta R.T.: 0.002 min  
Response: 6467789  
Conc: 46.95 ug/ml



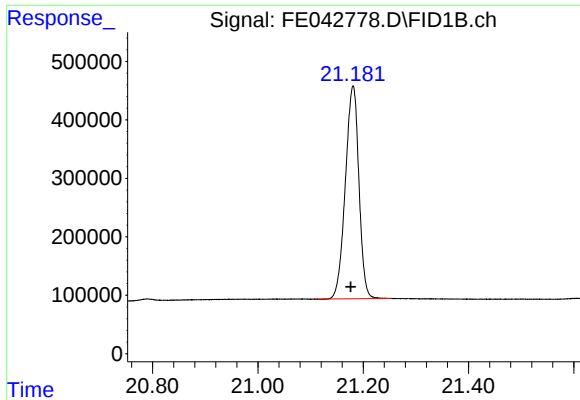
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min  
Delta R.T.: 0.004 min  
Response: 6413867  
Conc: 47.49 ug/ml



#20 n-Hexatriacontane (C36)

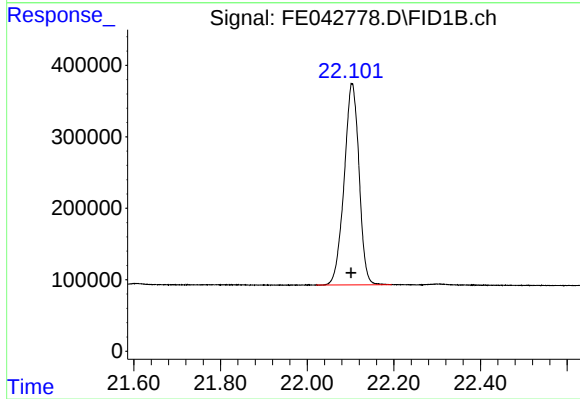
R.T.: 20.436 min  
Delta R.T.: 0.003 min  
Response: 6373626  
Conc: 47.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min  
Delta R.T.: 0.004 min  
Response: 6509152  
Conc: 47.75 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.103 min  
Delta R.T.: 0.002 min  
Response: 6714424  
Conc: 47.99 ug/ml