

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020923AL\  
 Data File : FE040278.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Feb 2023 09:43  
 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: Feb 09 23:45:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 02 04:52:48 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)    | 11.895 | 3490183    | 21.563 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.13%       |
| 12) S 1-chlorooctadecane (S... | 13.333 | 2654740    | 21.405 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.81%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.289  | 3028237    | 22.250 ug/ml |
| 2) T n-Decane (C10)            | 4.538  | 2968164    | 22.339 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.240  | 3262532    | 22.292 ug/ml |
| 4) T n-Dodecane (C12)          | 6.702  | 3012252    | 22.373 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.335  | 3030153    | 22.387 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.529  | 3049385    | 22.126 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.136 | 3147530    | 21.931 ug/ml |
| 8) T n-Octadecane (C18)        | 11.578 | 3213484    | 21.603 ug/ml |
| 10) T n-Eicosane (C20)         | 12.888 | 3145572    | 21.396 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.500 | 3155720    | 21.396 ug/ml |
| 13) T n-Docosane (C22)         | 14.088 | 3120224    | 21.058 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.190 | 3105610    | 20.458 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.212 | 3009853    | 20.303 ug/ml |
| 16) T n-Octacosane (C28)       | 17.164 | 2948285    | 19.673 ug/ml |
| 17) T n-Tricontane (C30)       | 18.052 | 2858826    | 19.376 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.885 | 2824547    | 19.286 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.669 | 2731032    | 19.856 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.410 | 2622382    | 19.770 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.144 | 2638579    | 20.339 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.041 | 2680935    | 20.192 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

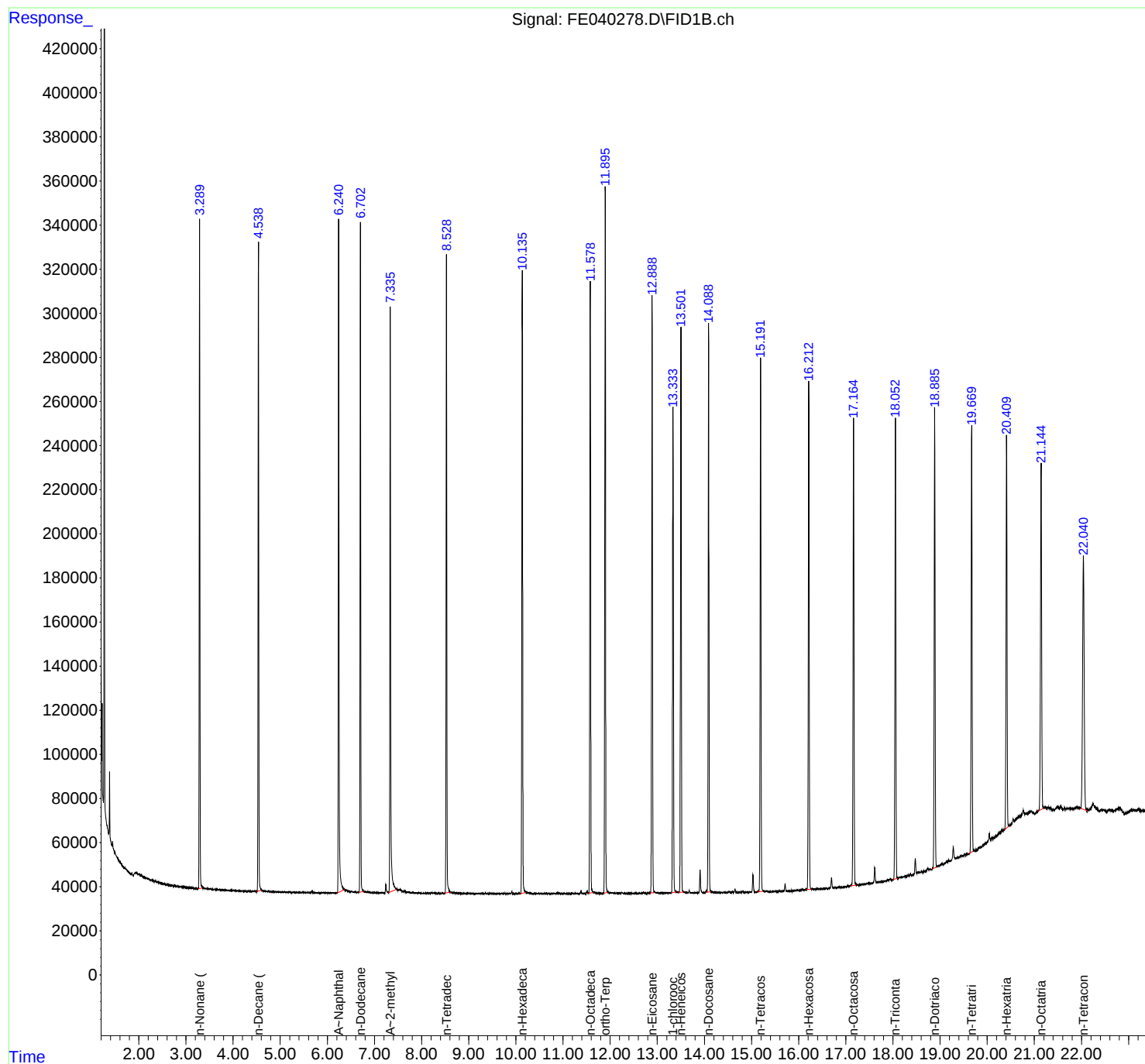
(m)=manual int.

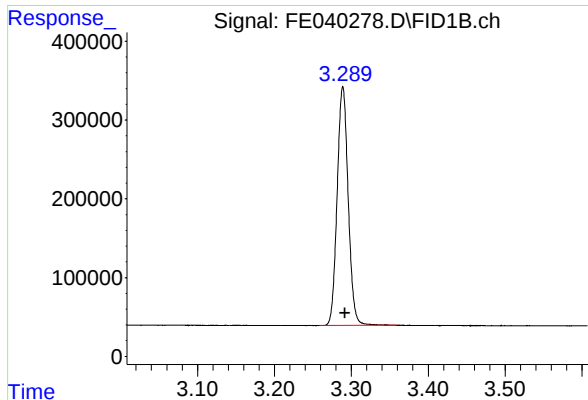
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020923AL\  
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Signal(s) : FID1B.ch  
Acq On : 09 Feb 2023 09:43  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
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Integration File: autoint1.e  
Quant Time: Feb 09 23:45:55 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.M  
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QLast Update : Thu Feb 02 04:52:48 2023  
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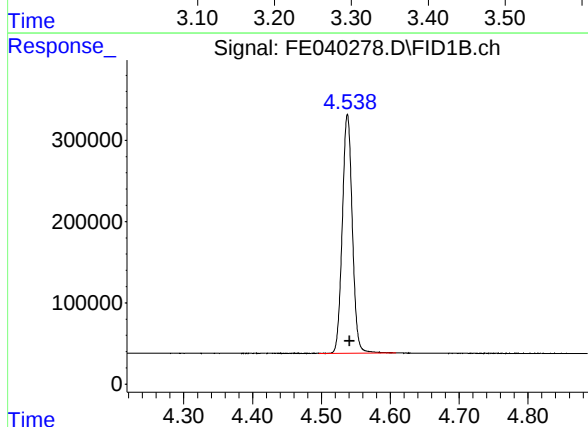




#1 n-Nonane (C9)

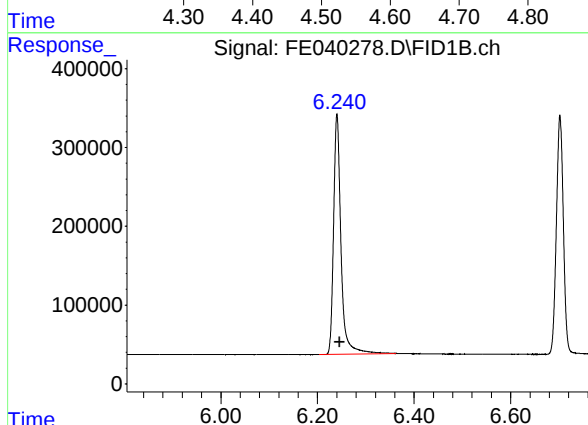
R.T.: 3.289 min  
Delta R.T.: -0.003 min  
Response: 3028237  
Conc: 22.25 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



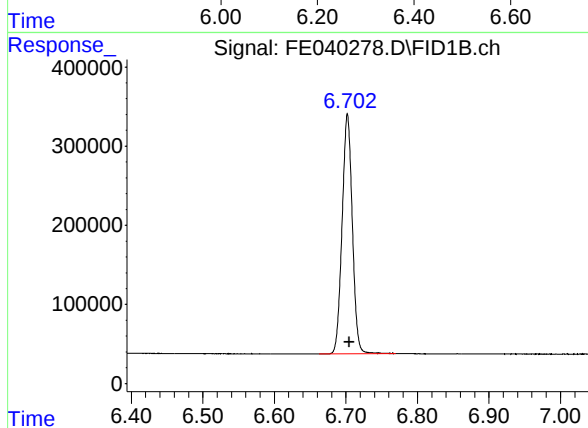
#2 n-Decane (C10)

R.T.: 4.538 min  
Delta R.T.: -0.003 min  
Response: 2968164  
Conc: 22.34 ug/ml



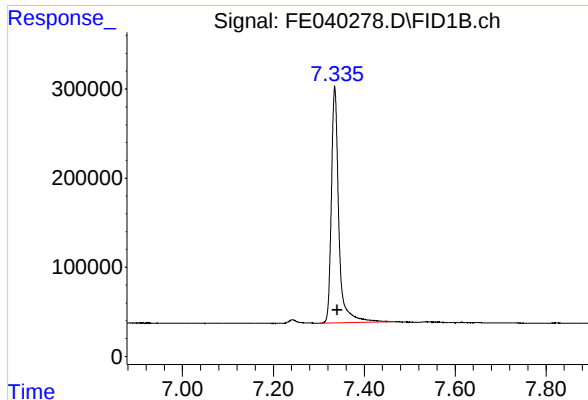
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min  
Delta R.T.: -0.005 min  
Response: 3262532  
Conc: 22.29 ug/ml



#4 n-Dodecane (C12)

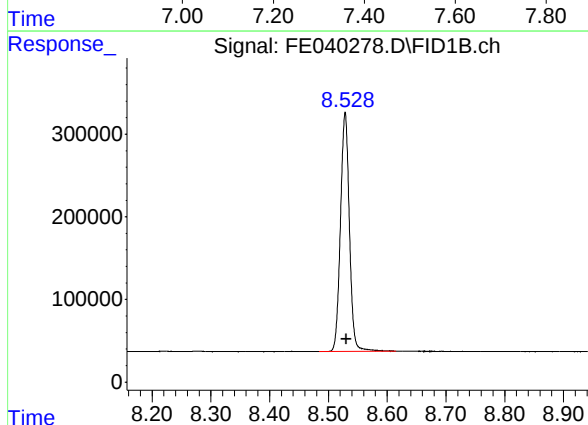
R.T.: 6.702 min  
Delta R.T.: -0.003 min  
Response: 3012252  
Conc: 22.37 ug/ml



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

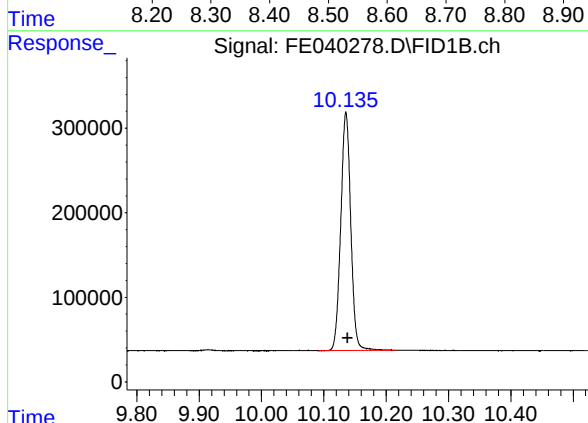
R.T.: 7.335 min  
Delta R.T.: -0.006 min  
Response: 3030153  
Conc: 22.39 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



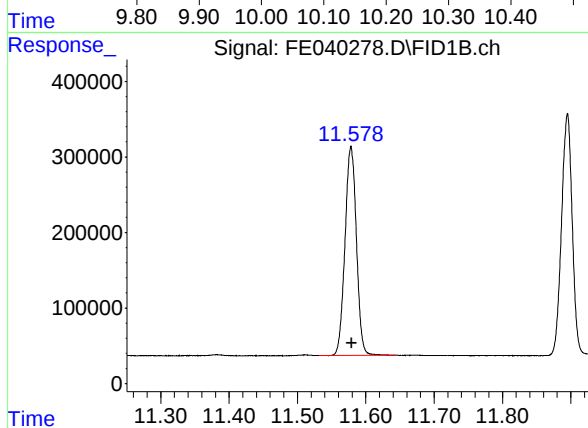
#6 n-Tetradecane (C14)

R.T.: 8.529 min  
Delta R.T.: -0.002 min  
Response: 3049385  
Conc: 22.13 ug/ml



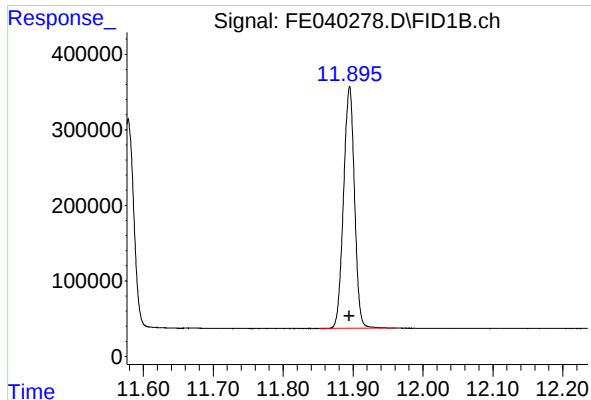
#7 n-Hexadecane (C16)

R.T.: 10.136 min  
Delta R.T.: -0.002 min  
Response: 3147530  
Conc: 21.93 ug/ml



#8 n-Octadecane (C18)

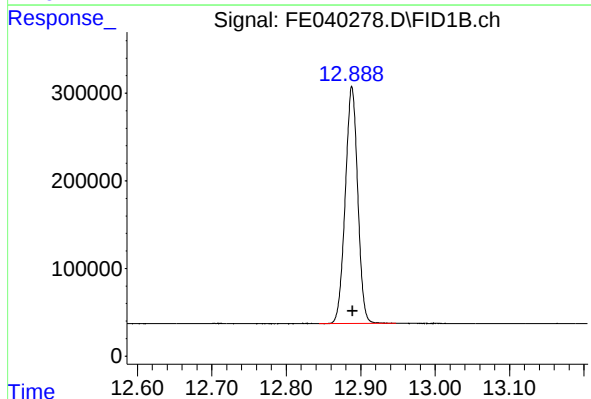
R.T.: 11.578 min  
Delta R.T.: -0.001 min  
Response: 3213484  
Conc: 21.60 ug/ml



#9 ortho-Terphenyl (SURR)

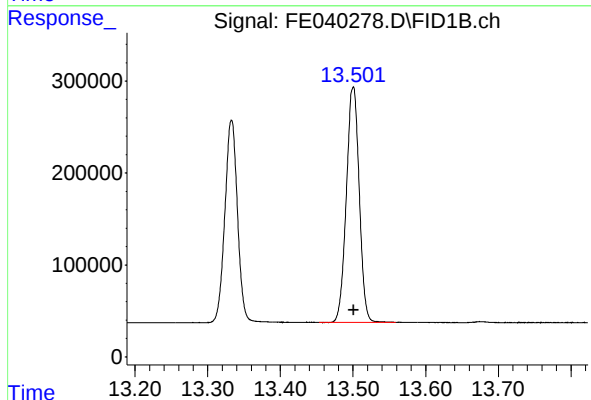
R.T.: 11.895 min  
Delta R.T.: 0.000 min  
Response: 3490183  
Conc: 21.56 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



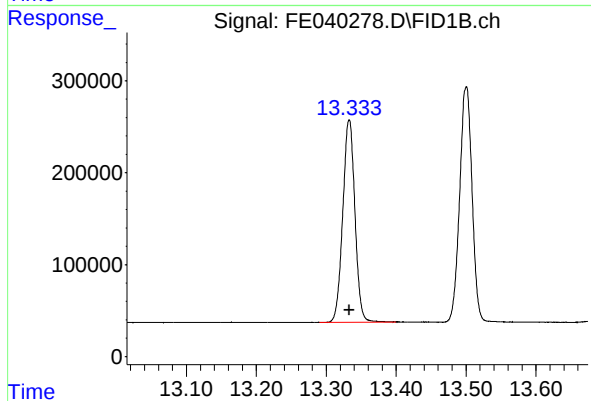
#10 n-Eicosane (C20)

R.T.: 12.888 min  
Delta R.T.: 0.000 min  
Response: 3145572  
Conc: 21.40 ug/ml



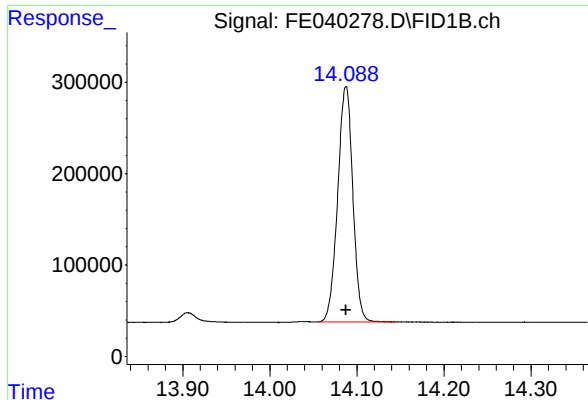
#11 n-Heneicosane (C21)

R.T.: 13.500 min  
Delta R.T.: 0.000 min  
Response: 3155720  
Conc: 21.40 ug/ml



#12 1-chlorooctadecane (SURR)

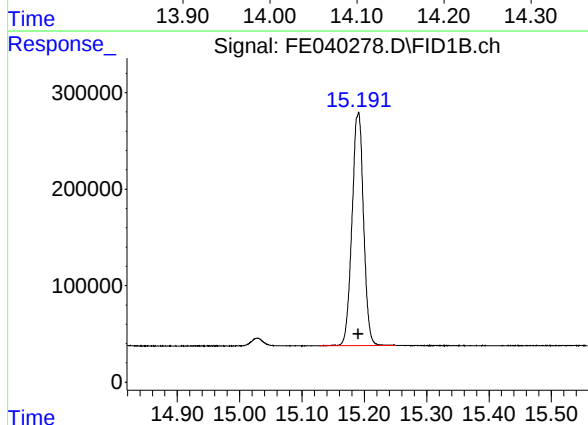
R.T.: 13.333 min  
Delta R.T.: 0.000 min  
Response: 2654740  
Conc: 21.41 ug/ml



#13 n-Docosane (C22)

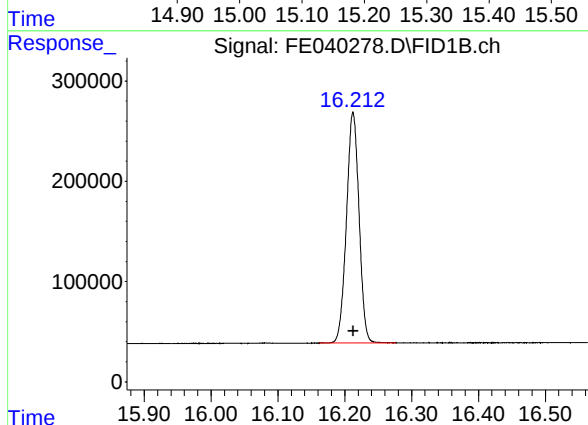
R.T.: 14.088 min  
Delta R.T.: 0.000 min  
Response: 3120224  
Conc: 21.06 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



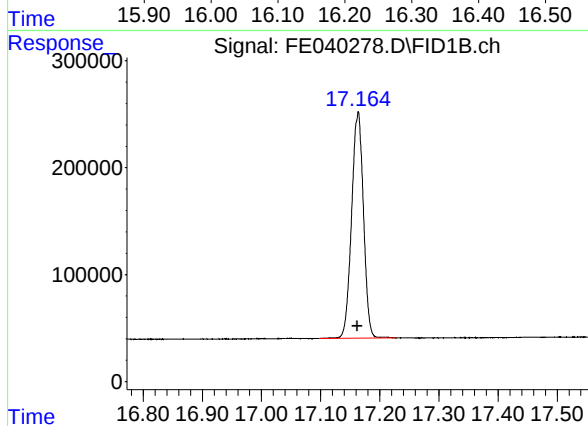
#14 n-Tetracosane (C24)

R.T.: 15.190 min  
Delta R.T.: 0.000 min  
Response: 3105610  
Conc: 20.46 ug/ml



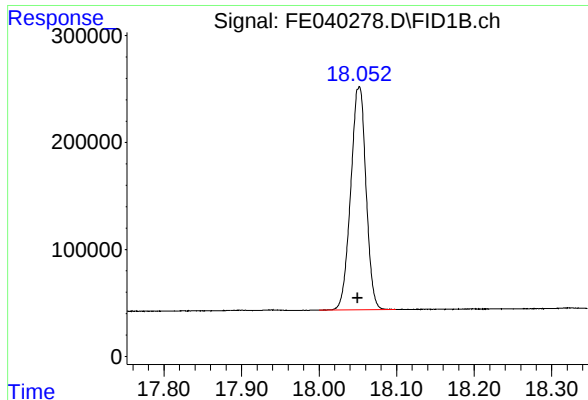
#15 n-Hexacosane (C26)

R.T.: 16.212 min  
Delta R.T.: 0.000 min  
Response: 3009853  
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

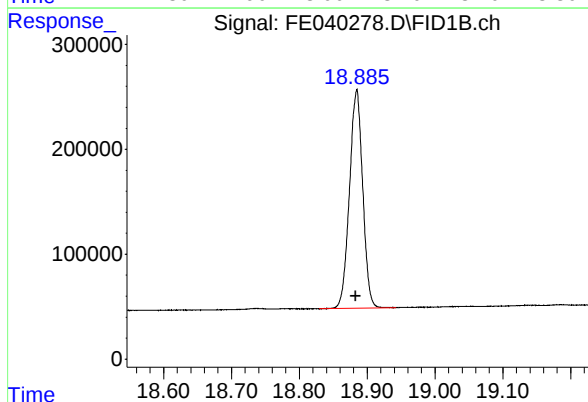
R.T.: 17.164 min  
Delta R.T.: 0.001 min  
Response: 2948285  
Conc: 19.67 ug/ml



#17 n-Tricontane (C30)

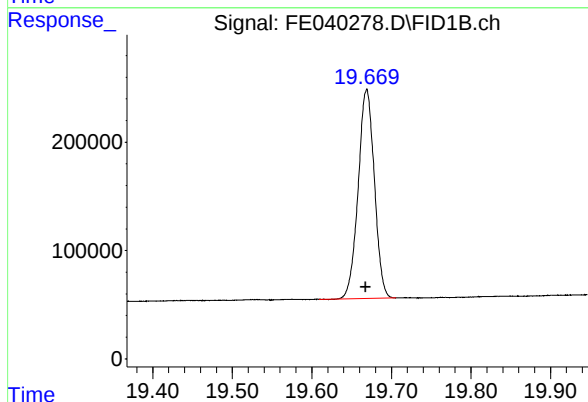
R.T.: 18.052 min  
Delta R.T.: 0.002 min  
Response: 2858826  
Conc: 19.38 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



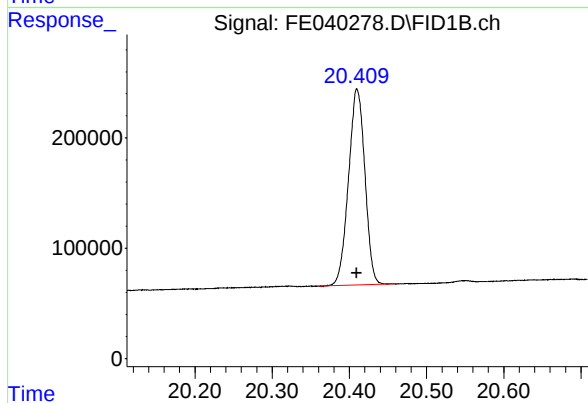
#18 n-Dotriacontane (C32)

R.T.: 18.885 min  
Delta R.T.: 0.002 min  
Response: 2824547  
Conc: 19.29 ug/ml



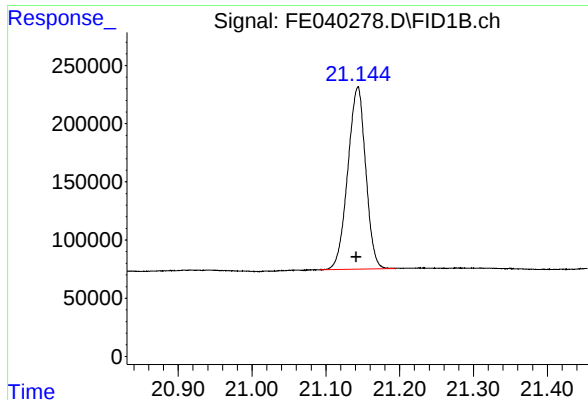
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min  
Delta R.T.: 0.001 min  
Response: 2731032  
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

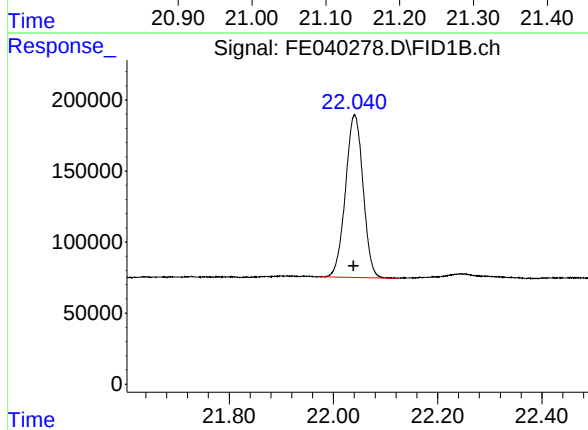
R.T.: 20.410 min  
Delta R.T.: 0.000 min  
Response: 2622382  
Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.144 min  
Delta R.T.: 0.003 min  
Response: 2638579  
Conc: 20.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.041 min  
Delta R.T.: 0.002 min  
Response: 2680935  
Conc: 20.19 ug/ml