

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101223AL\  
 Data File : FE044801.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Oct 2023 03:46  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Oct 12 05:21:00 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 101223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 12 05:18:53 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)    | 11.924 | 18246627   | 94.866 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 189.73%      |
| 12) S 1-chlorooctadecane (S... | 13.363 | 13545836   | 95.113 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 190.23%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.302  | 15438497   | 95.564 ug/ml |
| 2) T n-Decane (C10)            | 4.554  | 15705379   | 95.681 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.256  | 17137638   | 95.607 ug/ml |
| 4) T n-Dodecane (C12)          | 6.720  | 15958226   | 95.704 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.353  | 16864817   | 96.039 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.547  | 15825078   | 95.627 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.159 | 16007528   | 95.175 ug/ml |
| 8) T n-Octadecane (C18)        | 11.606 | 15880796   | 94.789 ug/ml |
| 10) T n-Eicosane (C20)         | 12.917 | 15173214   | 94.743 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.531 | 14827607   | 94.874 ug/ml |
| 13) T n-Docosane (C22)         | 14.118 | 14539126   | 94.621 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.222 | 14079376   | 94.157 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.245 | 13643321   | 94.171 ug/ml |
| 16) T n-Octacosane (C28)       | 17.197 | 13254076   | 93.488 ug/ml |
| 17) T n-Tricontane (C30)       | 18.087 | 13318377   | 92.965 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.921 | 13315458   | 92.480 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.707 | 13321385   | 93.425 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.447 | 13771448   | 93.184 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.191 | 14197499   | 94.357 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.115 | 14980959   | 93.679 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

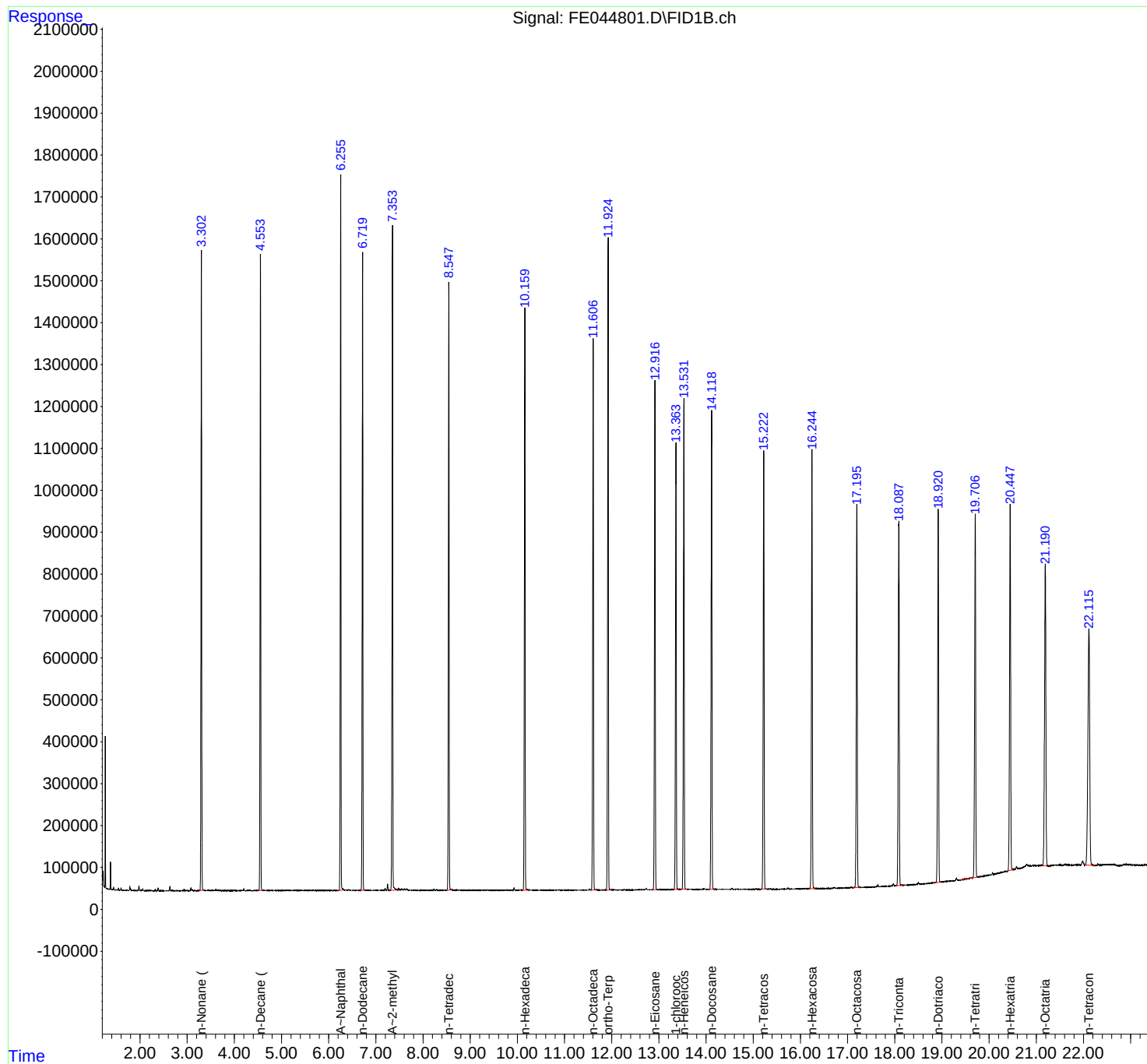
(m)=manual int.

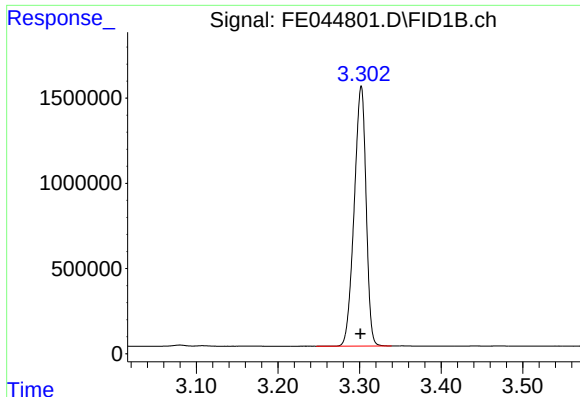
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101223AL\  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 101223.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 12 05:18:53 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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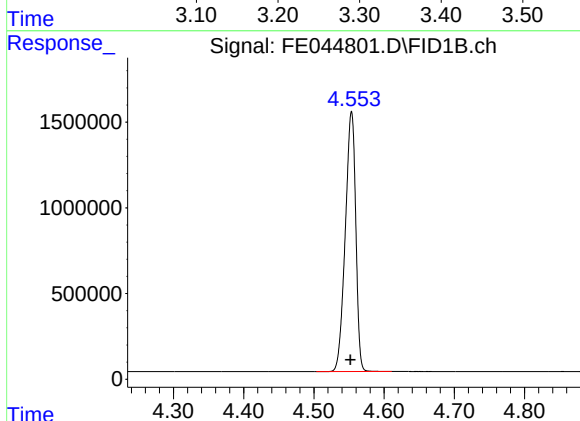




#1 n-Nonane (C9)

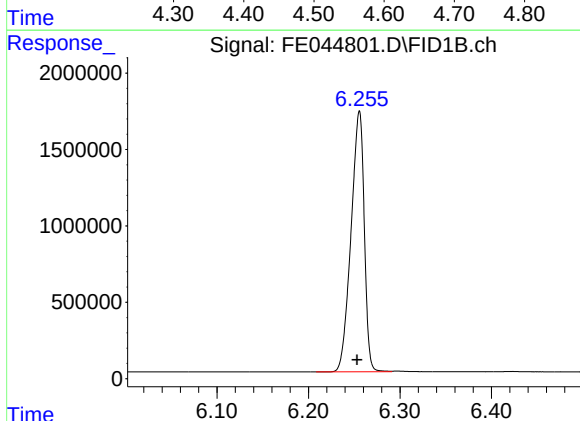
R.T.: 3.302 min  
Delta R.T.: 0.000 min  
Response: 15438497  
Conc: 95.56 ug/ml

Instrument :  
FID\_E  
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100 PPM ALIPHATIC HC STD1



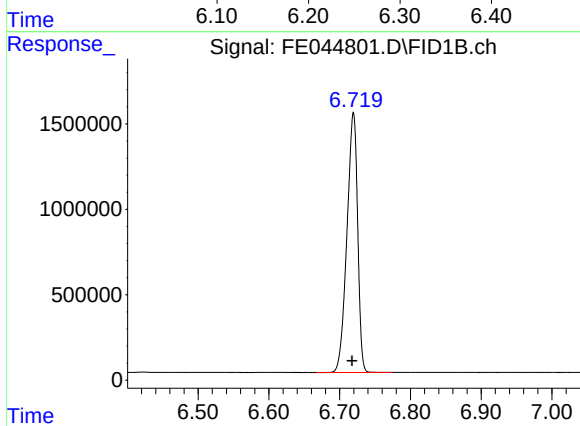
#2 n-Decane (C10)

R.T.: 4.554 min  
Delta R.T.: 0.002 min  
Response: 15705379  
Conc: 95.68 ug/ml



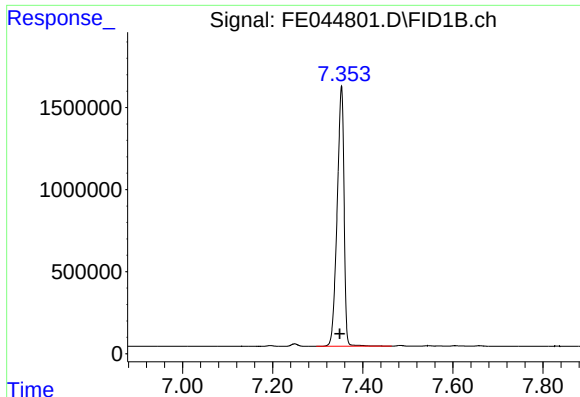
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min  
Delta R.T.: 0.003 min  
Response: 17137638  
Conc: 95.61 ug/ml



#4 n-Dodecane (C12)

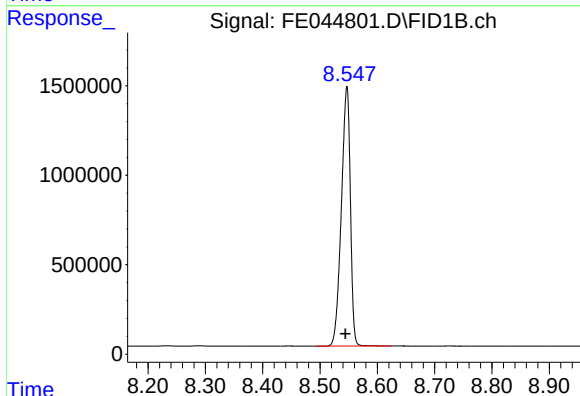
R.T.: 6.720 min  
Delta R.T.: 0.002 min  
Response: 15958226  
Conc: 95.70 ug/ml



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

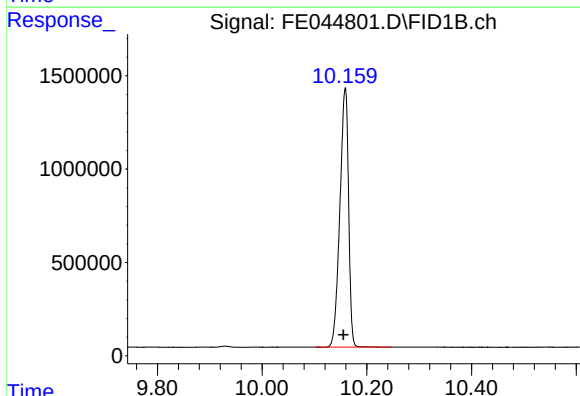
R.T.: 7.353 min  
Delta R.T.: 0.004 min  
Response: 16864817  
Conc: 96.04 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



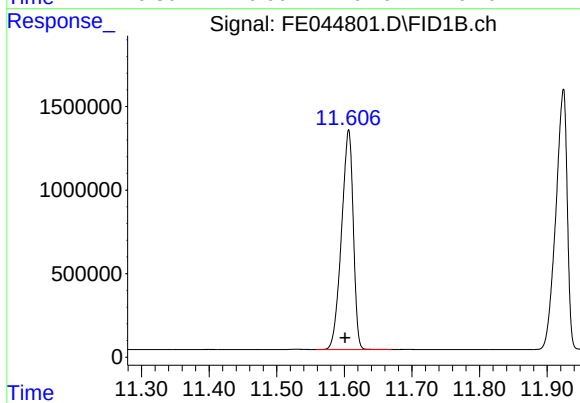
#6 n-Tetradecane (C14)

R.T.: 8.547 min  
Delta R.T.: 0.003 min  
Response: 15825078  
Conc: 95.63 ug/ml



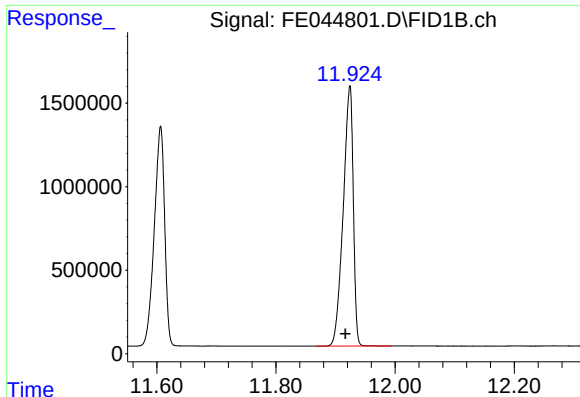
#7 n-Hexadecane (C16)

R.T.: 10.159 min  
Delta R.T.: 0.004 min  
Response: 16007528  
Conc: 95.18 ug/ml



#8 n-Octadecane (C18)

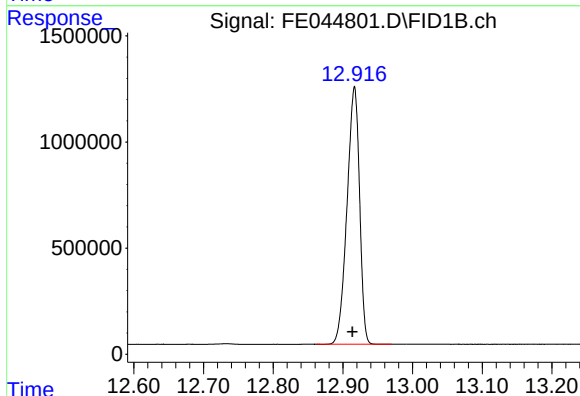
R.T.: 11.606 min  
Delta R.T.: 0.005 min  
Response: 15880796  
Conc: 94.79 ug/ml



#9 ortho-Terphenyl (SURR)

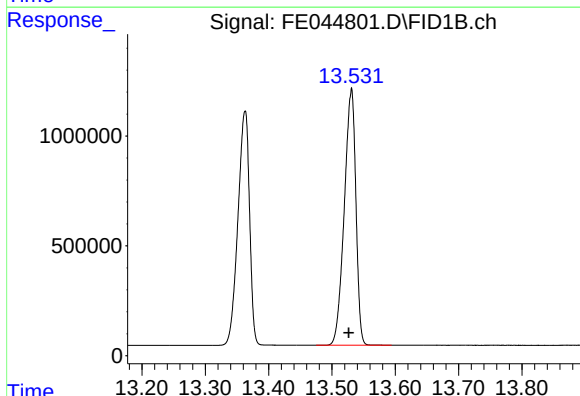
R.T.: 11.924 min  
Delta R.T.: 0.007 min  
Response: 18246627  
Conc: 94.87 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



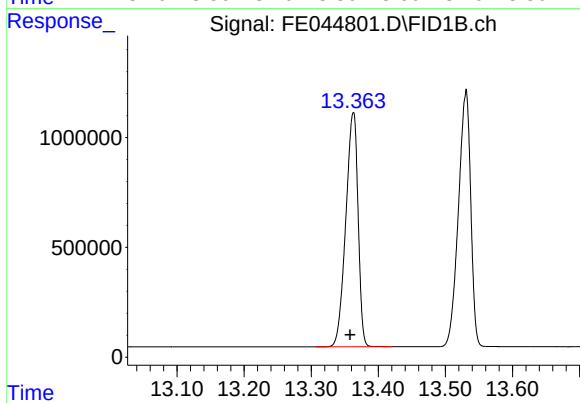
#10 n-Eicosane (C20)

R.T.: 12.917 min  
Delta R.T.: 0.003 min  
Response: 15173214  
Conc: 94.74 ug/ml



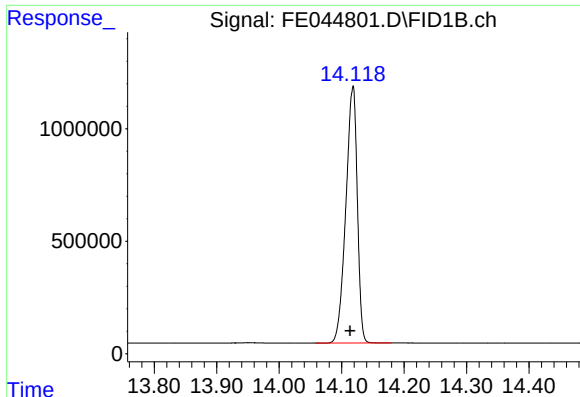
#11 n-Heneicosane (C21)

R.T.: 13.531 min  
Delta R.T.: 0.004 min  
Response: 14827607  
Conc: 94.87 ug/ml



#12 1-chlorooctadecane (SURR)

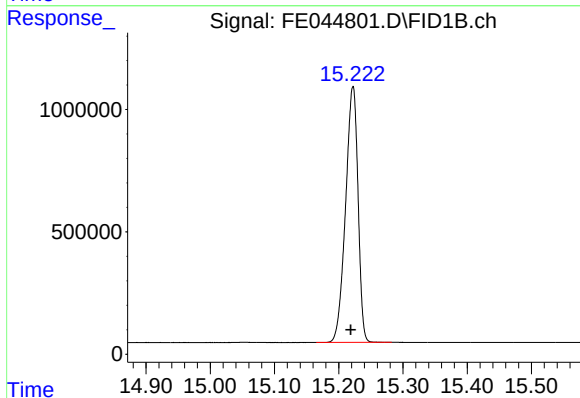
R.T.: 13.363 min  
Delta R.T.: 0.005 min  
Response: 13545836  
Conc: 95.11 ug/ml



#13 n-Docosane (C22)

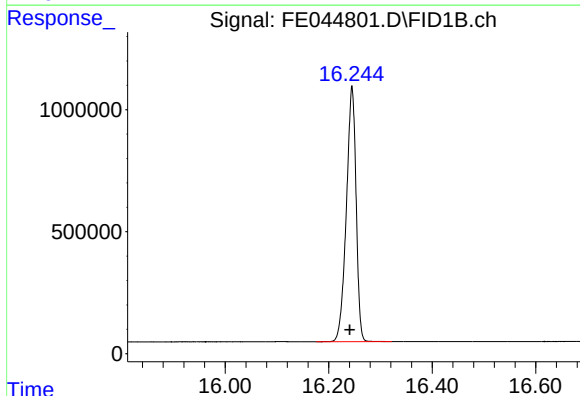
R.T.: 14.118 min  
Delta R.T.: 0.004 min  
Response: 14539126  
Conc: 94.62 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



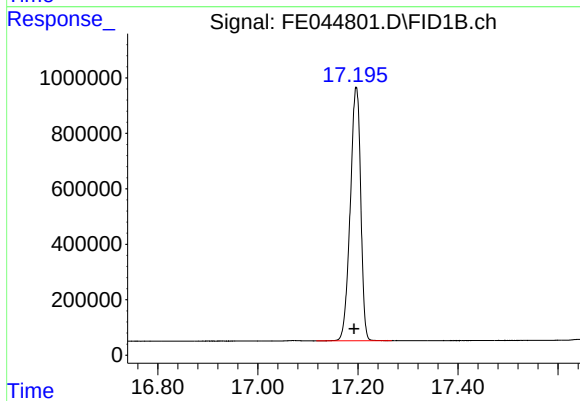
#14 n-Tetracosane (C24)

R.T.: 15.222 min  
Delta R.T.: 0.004 min  
Response: 14079376  
Conc: 94.16 ug/ml



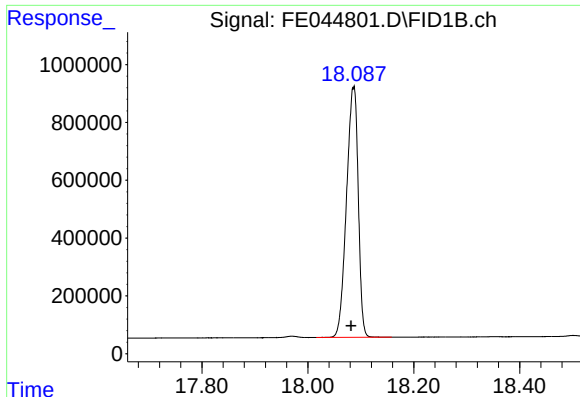
#15 n-Hexacosane (C26)

R.T.: 16.245 min  
Delta R.T.: 0.004 min  
Response: 13643321  
Conc: 94.17 ug/ml



#16 n-Octacosane (C28)

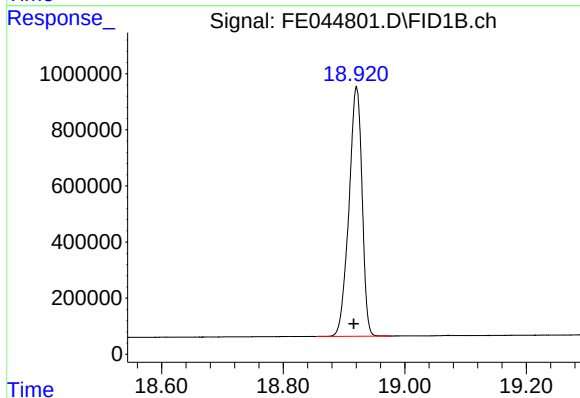
R.T.: 17.197 min  
Delta R.T.: 0.004 min  
Response: 13254076  
Conc: 93.49 ug/ml



#17 n-Tricontane (C30)

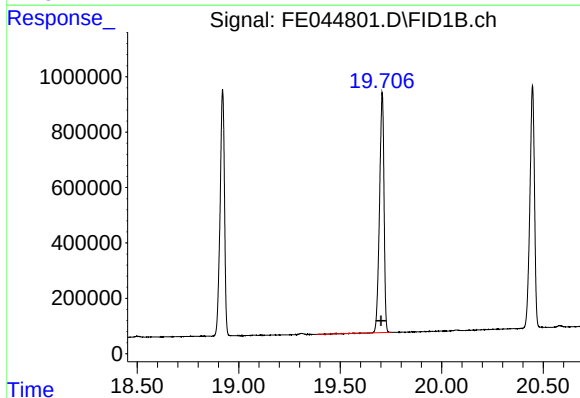
R.T.: 18.087 min  
Delta R.T.: 0.005 min  
Response: 13318377  
Conc: 92.96 ug/ml

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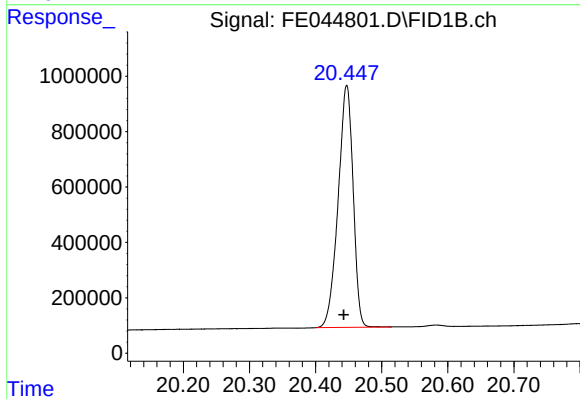
#18 n-Dotriacontane (C32)

R.T.: 18.921 min  
Delta R.T.: 0.004 min  
Response: 13315458  
Conc: 92.48 ug/ml



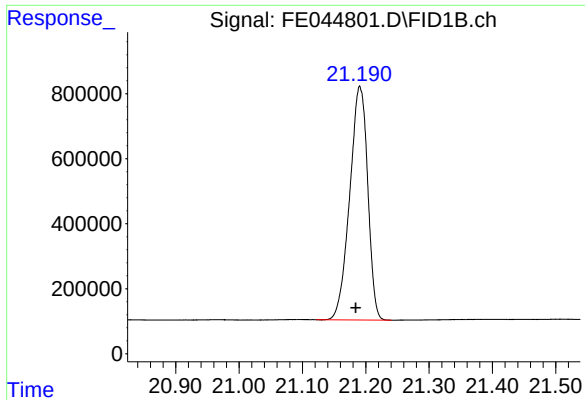
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min  
Delta R.T.: 0.005 min  
Response: 13321385  
Conc: 93.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.447 min  
Delta R.T.: 0.004 min  
Response: 13771448  
Conc: 93.18 ug/ml



#21 n-Octatriacontane (C38)

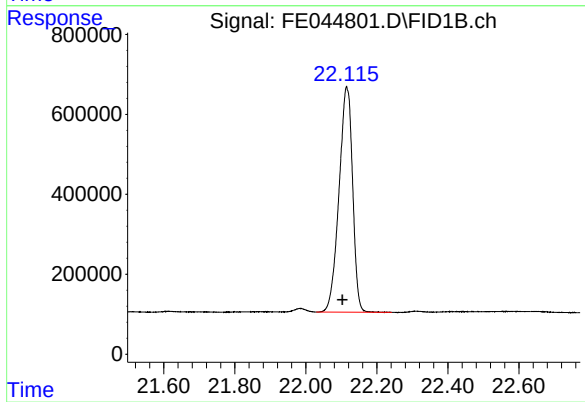
R.T.: 21.191 min  
Delta R.T.: 0.007 min  
Response: 14197499  
Conc: 94.36 ug/ml

Instrument :

FID\_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.115 min  
Delta R.T.: 0.011 min  
Response: 14980959  
Conc: 93.68 ug/ml