

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092424AL\  
 Data File : FC067247.D  
 Signal(s) : FID1A.ch  
 Acq On : 24 Sep 2024 13:57  
 Operator : YP/AJ  
 Sample : PB163643BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB163643BS

Integration File: autoint1.e  
 Quant Time: Sep 25 02:43:10 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 11 02:55:44 2024  
 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)    | 11.503 | 5563232    | 39.953 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 79.91%       |
| 12) S 1-chlorooctadecane (S... | 12.940 | 4178496    | 42.775 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 85.55%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.288  | 6054288    | 45.642 ug/ml |
| 2) T n-Decane (C10)            | 4.347  | 6351905    | 47.294 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.921  | 6654344    | 46.821 ug/ml |
| 4) T n-Dodecane (C12)          | 6.359  | 6248252    | 46.679 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.976  | 5911001    | 44.265 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.153  | 6384242    | 49.538 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.751  | 6212042    | 48.183 ug/ml |
| 8) T n-Octadecane (C18)        | 11.191 | 6088612    | 47.589 ug/ml |
| 10) T n-Eicosane (C20)         | 12.500 | 6002677    | 49.975 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.110 | 5708974    | 48.881 ug/ml |
| 13) T n-Docosane (C22)         | 13.696 | 5606986    | 48.562 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.797 | 5661371    | 49.853 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.818 | 5429834    | 48.993 ug/ml |
| 16) T n-Octacosane (C28)       | 16.766 | 5229162    | 48.409 ug/ml |
| 17) T n-Tricontane (C30)       | 17.653 | 5354577    | 49.227 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.483 | 5188745    | 49.745 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.266 | 5163435    | 55.967 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.005 | 4811922    | 60.720 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.728 | 4435358    | 59.047 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.617 | 3503979    | 50.154 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

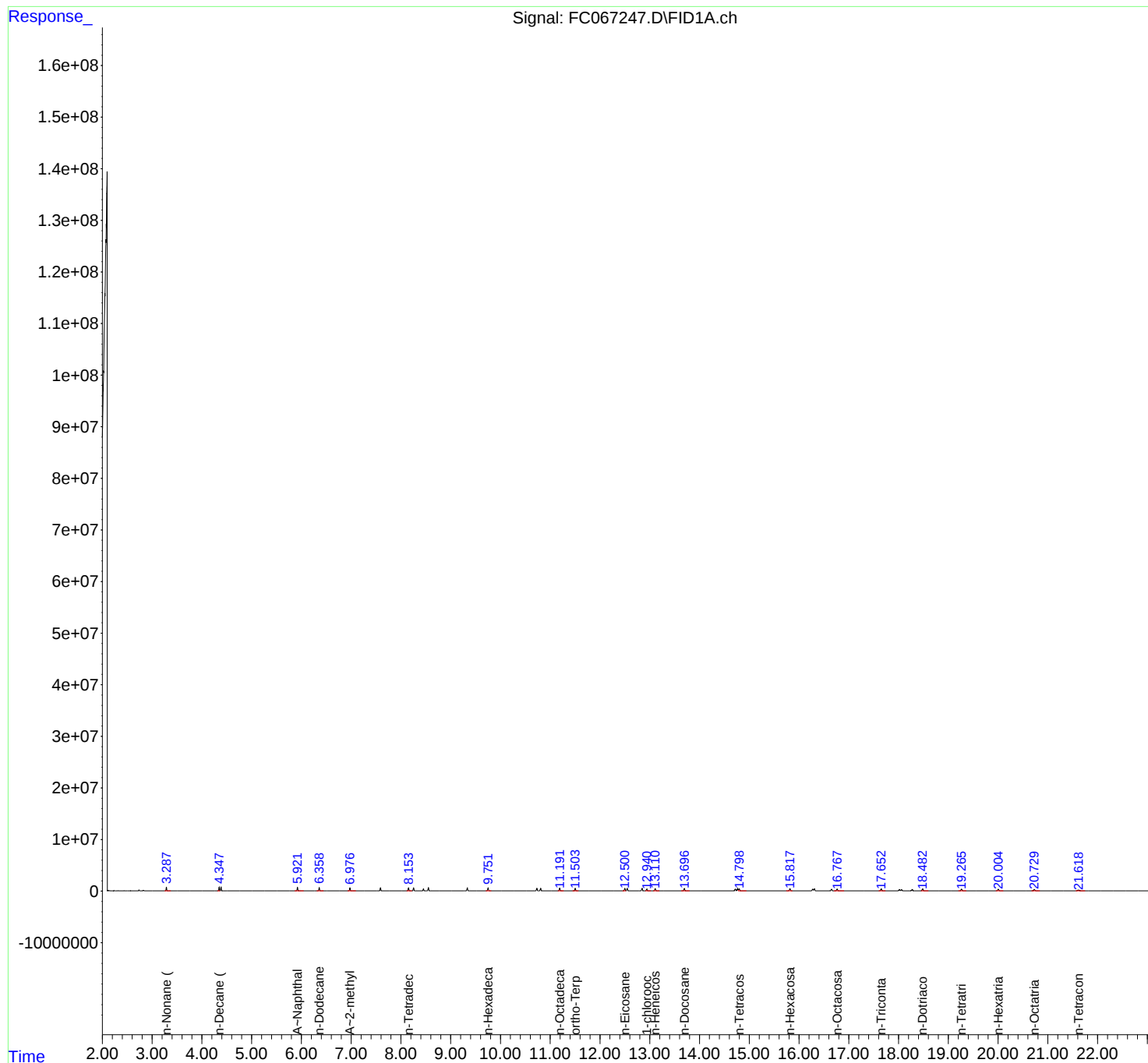
(m)=manual int.

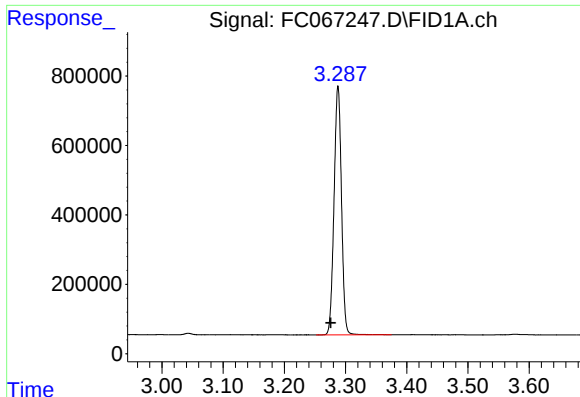
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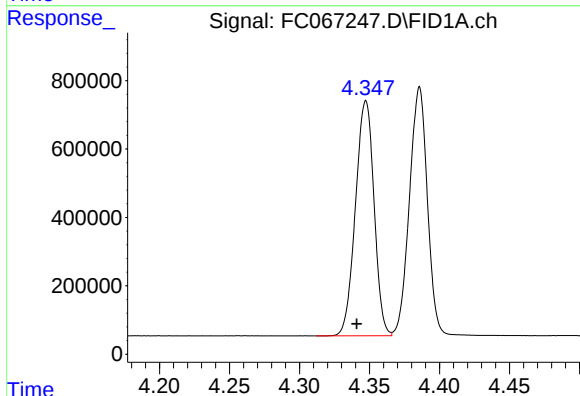




#1 n-Nonane (C9)

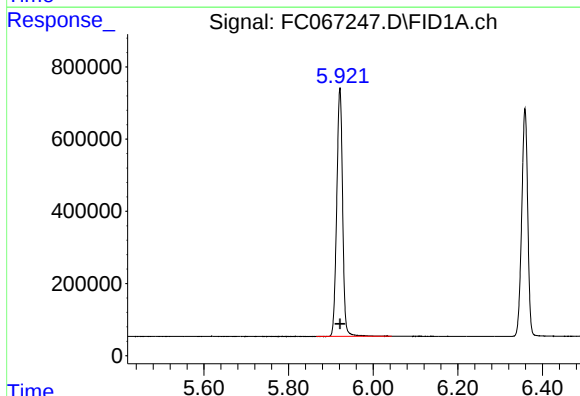
R.T.: 3.288 min  
Delta R.T.: 0.012 min  
Response: 6054288  
Conc: 45.64 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB163643BS



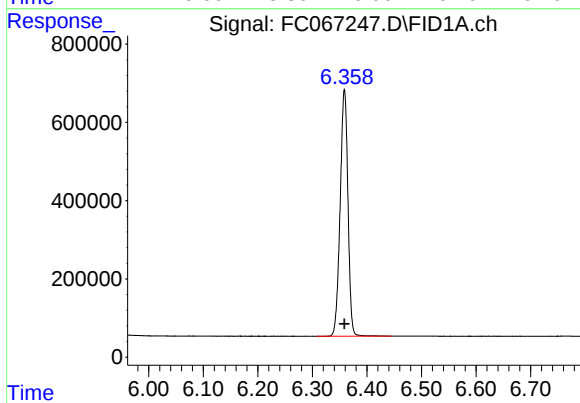
#2 n-Decane (C10)

R.T.: 4.347 min  
Delta R.T.: 0.006 min  
Response: 6351905  
Conc: 47.29 ug/ml



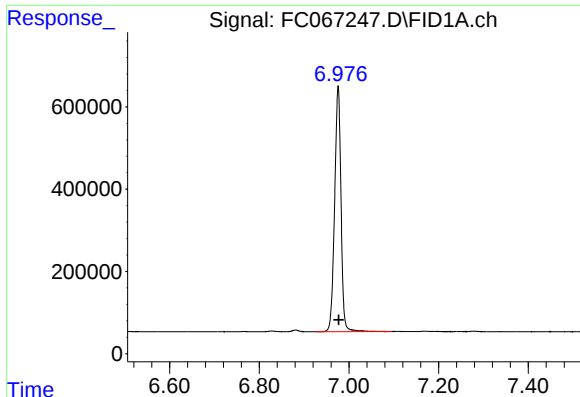
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min  
Delta R.T.: 0.000 min  
Response: 6654344  
Conc: 46.82 ug/ml



#4 n-Dodecane (C12)

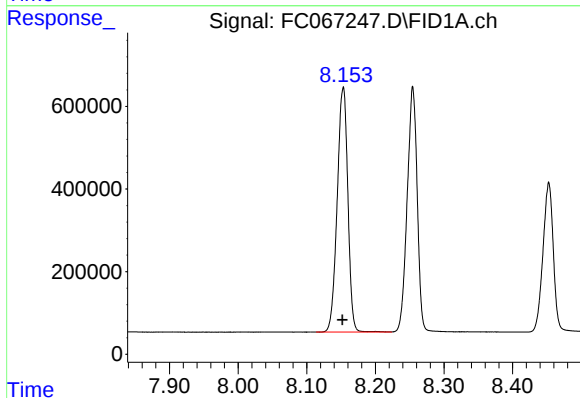
R.T.: 6.359 min  
Delta R.T.: 0.000 min  
Response: 6248252  
Conc: 46.68 ug/ml



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

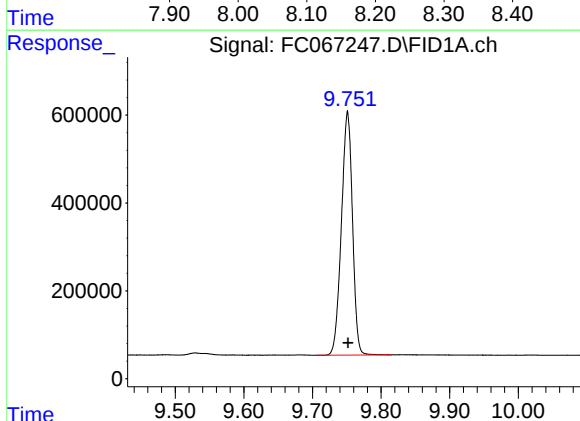
R.T.: 6.976 min  
Delta R.T.: -0.001 min  
Response: 5911001  
Conc: 44.27 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB163643BS



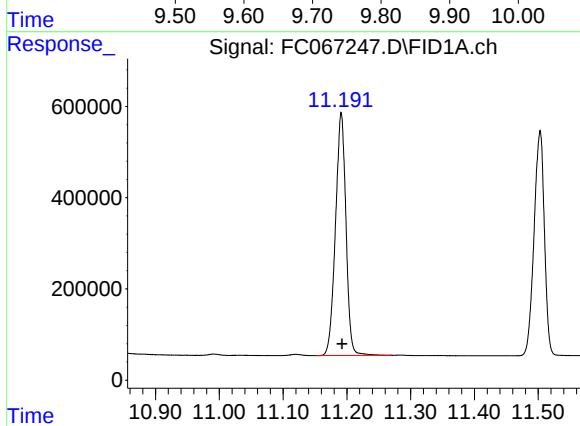
#6 n-Tetradecane (C14)

R.T.: 8.153 min  
Delta R.T.: 0.000 min  
Response: 6384242  
Conc: 49.54 ug/ml



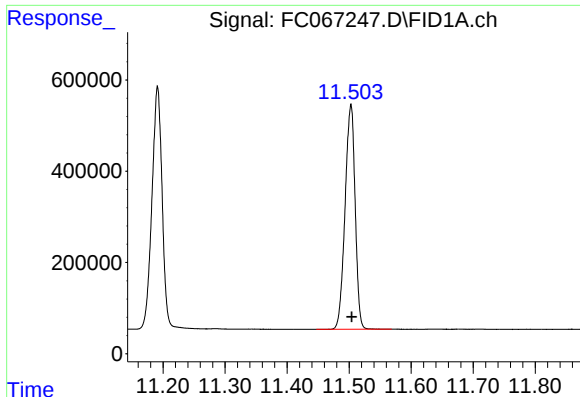
#7 n-Hexadecane (C16)

R.T.: 9.751 min  
Delta R.T.: 0.000 min  
Response: 6212042  
Conc: 48.18 ug/ml



#8 n-Octadecane (C18)

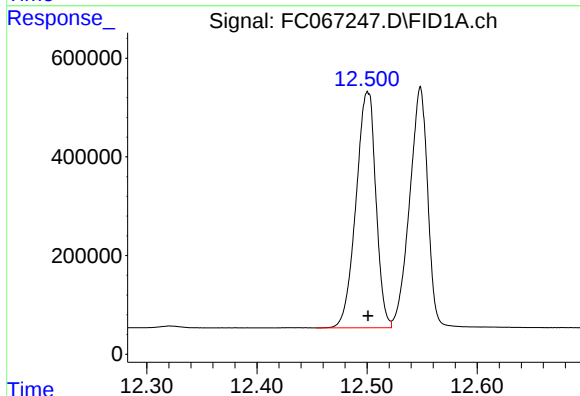
R.T.: 11.191 min  
Delta R.T.: -0.002 min  
Response: 6088612  
Conc: 47.59 ug/ml



#9 ortho-Terphenyl (SURR)

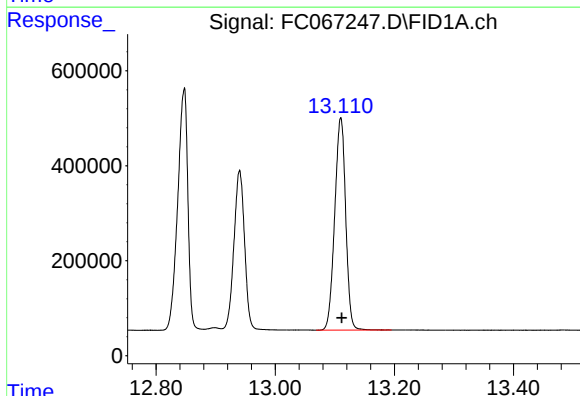
R.T.: 11.503 min  
Delta R.T.: -0.001 min  
Response: 5563232  
Conc: 39.95 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB163643BS



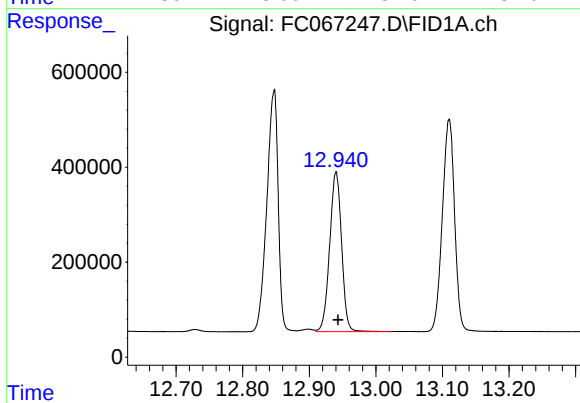
#10 n-Eicosane (C20)

R.T.: 12.500 min  
Delta R.T.: 0.000 min  
Response: 6002677  
Conc: 49.97 ug/ml



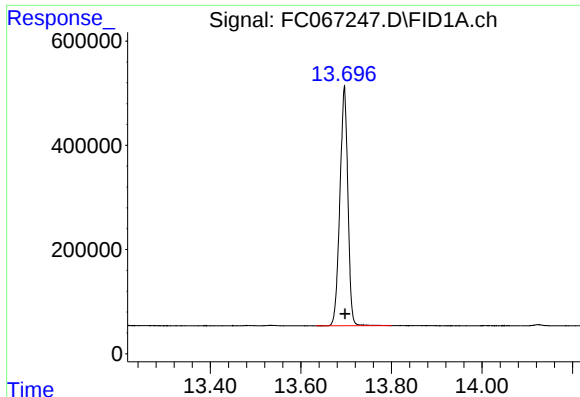
#11 n-Heneicosane (C21)

R.T.: 13.110 min  
Delta R.T.: -0.002 min  
Response: 5708974  
Conc: 48.88 ug/ml



#12 1-chlorooctadecane (SURR)

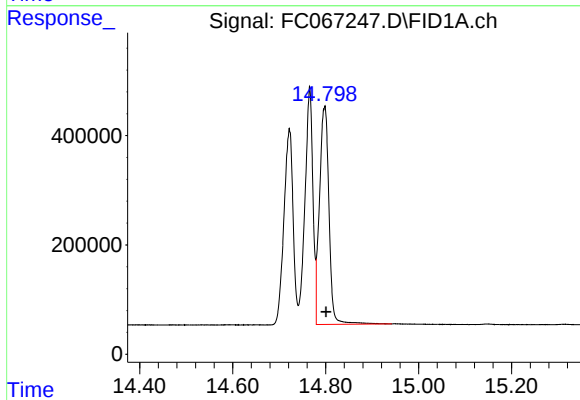
R.T.: 12.940 min  
Delta R.T.: -0.003 min  
Response: 4178496  
Conc: 42.77 ug/ml



#13 n-Docosane (C22)

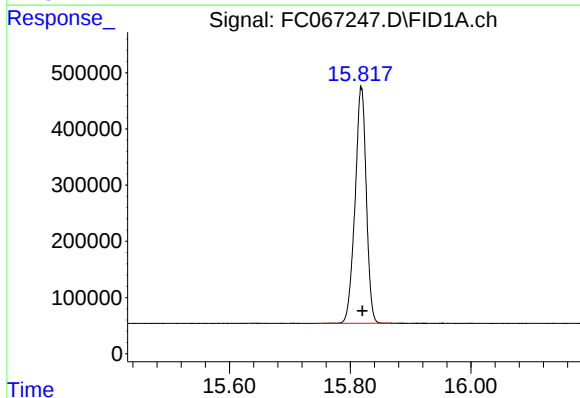
R.T.: 13.696 min  
Delta R.T.: -0.001 min  
Response: 5606986  
Conc: 48.56 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB163643BS



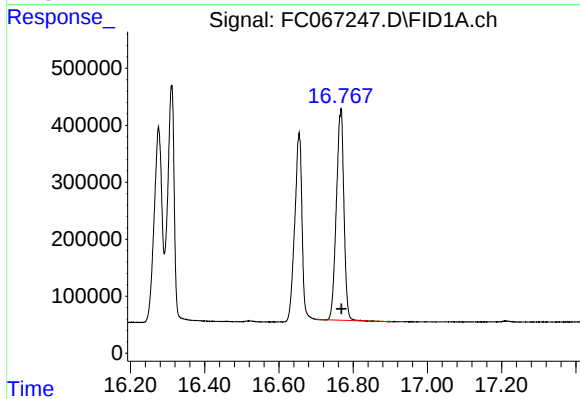
#14 n-Tetracosane (C24)

R.T.: 14.797 min  
Delta R.T.: -0.003 min  
Response: 5661371  
Conc: 49.85 ug/ml



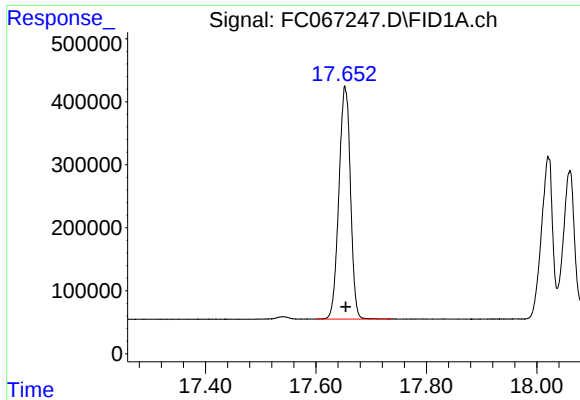
#15 n-Hexacosane (C26)

R.T.: 15.818 min  
Delta R.T.: -0.002 min  
Response: 5429834  
Conc: 48.99 ug/ml



#16 n-Octacosane (C28)

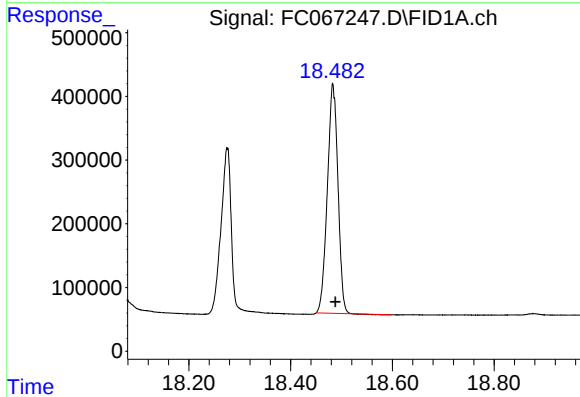
R.T.: 16.766 min  
Delta R.T.: -0.002 min  
Response: 5229162  
Conc: 48.41 ug/ml



#17 n-Tricontane (C30)

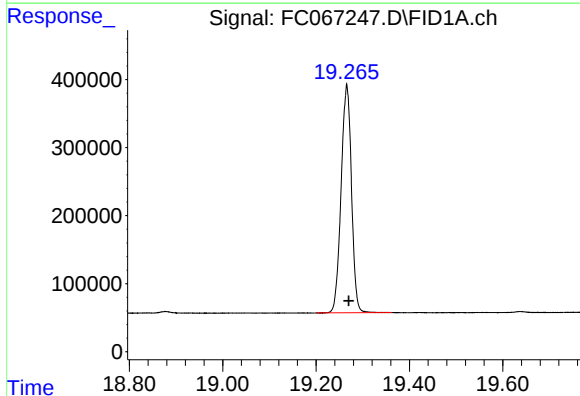
R.T.: 17.653 min  
Delta R.T.: -0.001 min  
Response: 5354577  
Conc: 49.23 ug/ml

Instrument :  
FID\_C  
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PB163643BS



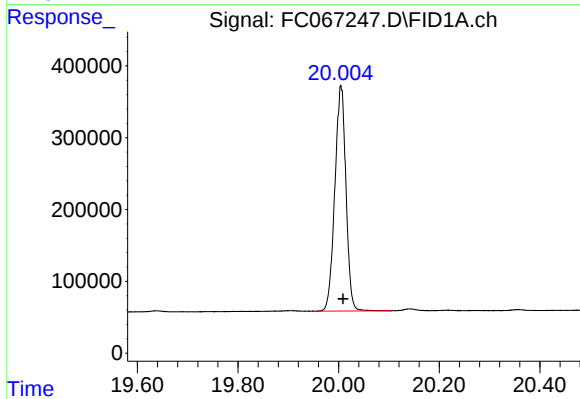
#18 n-Dotriacontane (C32)

R.T.: 18.483 min  
Delta R.T.: -0.005 min  
Response: 5188745  
Conc: 49.75 ug/ml



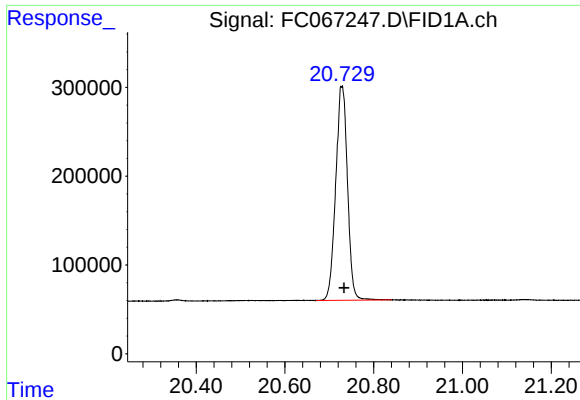
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min  
Delta R.T.: -0.004 min  
Response: 5163435  
Conc: 55.97 ug/ml



#20 n-Hexatriacontane (C36)

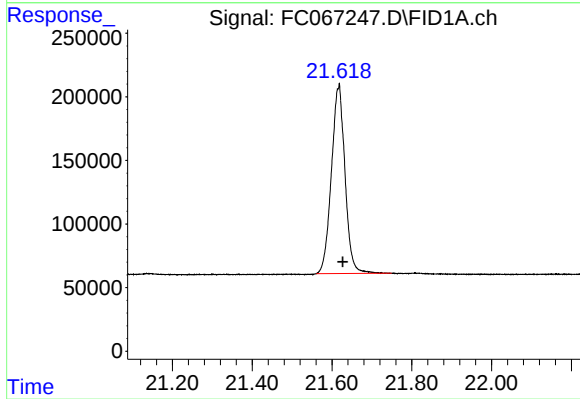
R.T.: 20.005 min  
Delta R.T.: -0.004 min  
Response: 4811922  
Conc: 60.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min  
Delta R.T.: -0.005 min  
Response: 4435358  
Conc: 59.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB163643BS



#22 n-Tetracontane (C40)

R.T.: 21.617 min  
Delta R.T.: -0.010 min  
Response: 3503979  
Conc: 50.15 ug/ml