

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071724AL\  
 Data File : FC066835.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Jul 2024 13:30  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 18 01:38:53 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 13:58:41 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)    | 11.519 | 3059755    | 19.875 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.75%       |
| 12) S 1-chlorooctadecane (S... | 12.957 | 2271533    | 20.315 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.63%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.286  | 2875041    | 20.262 ug/ml |
| 2) T n-Decane (C10)            | 4.352  | 2960765    | 20.028 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.932  | 3195679    | 20.011 ug/ml |
| 4) T n-Dodecane (C12)          | 6.370  | 2993131    | 19.965 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.988  | 3064970    | 19.993 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.165  | 2951351    | 20.172 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.764  | 3036647    | 20.289 ug/ml |
| 8) T n-Octadecane (C18)        | 11.206 | 3011781    | 20.295 ug/ml |
| 10) T n-Eicosane (C20)         | 12.515 | 2816776    | 20.209 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.127 | 2735036    | 20.080 ug/ml |
| 13) T n-Docosane (C22)         | 13.712 | 2676631    | 19.927 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.815 | 2617915    | 19.682 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.835 | 2540859    | 19.528 ug/ml |
| 16) T n-Octacosane (C28)       | 16.784 | 2473577    | 19.608 ug/ml |
| 17) T n-Tricontane (C30)       | 17.671 | 2495254    | 19.404 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.503 | 2451340    | 19.472 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.286 | 2395183    | 19.361 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.026 | 2270058    | 19.515 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.754 | 2195942    | 19.764 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.648 | 2107297    | 19.384 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

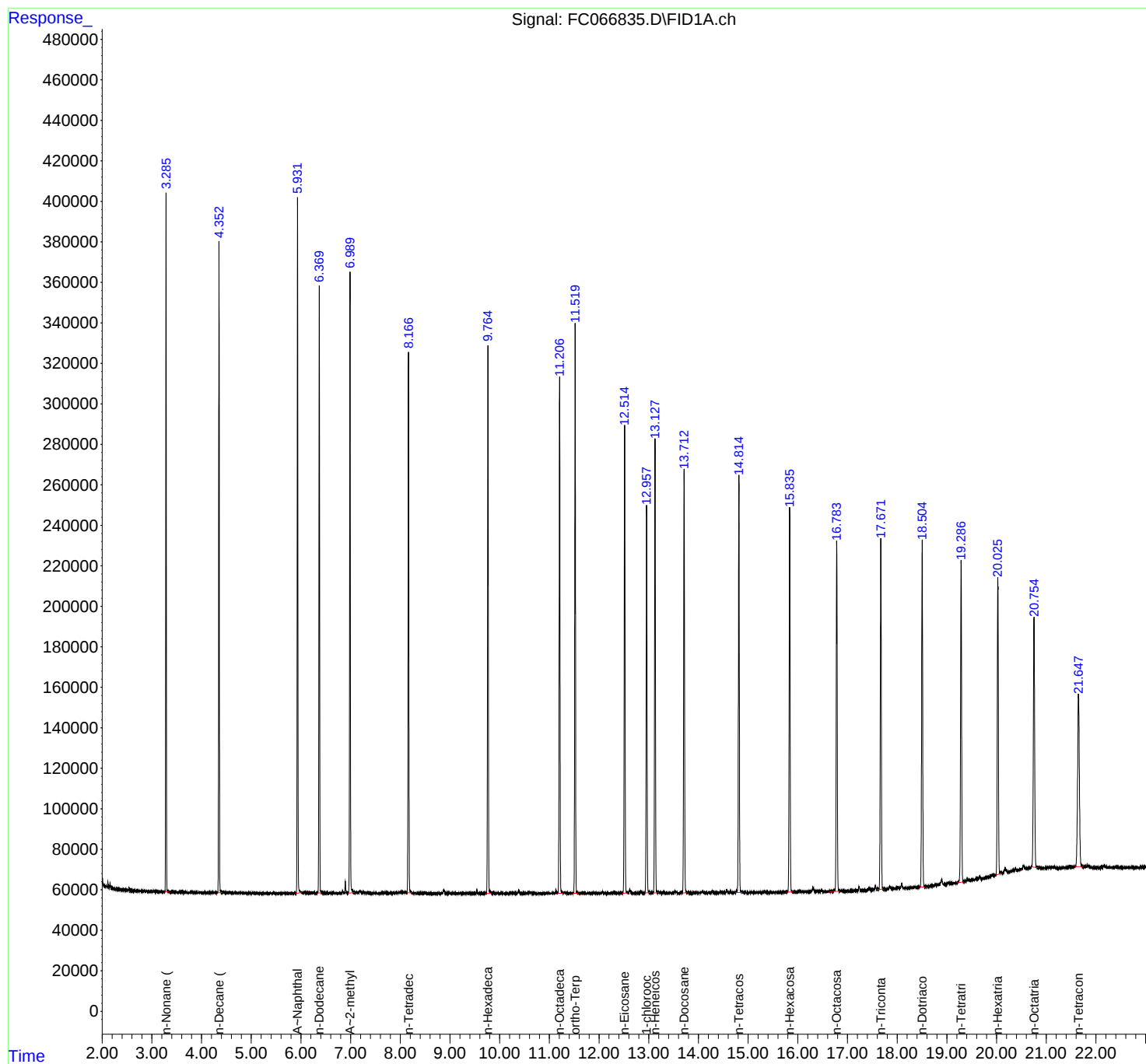
(m)=manual int.

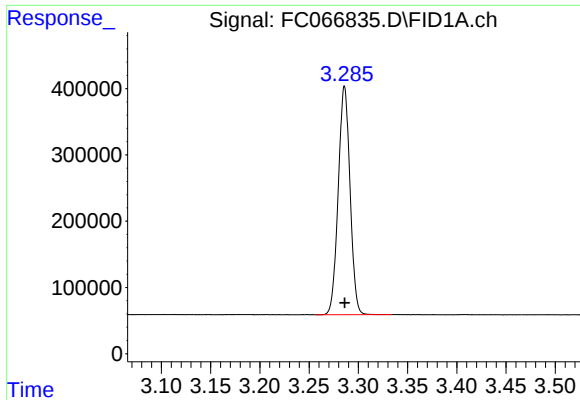
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071724AL\  
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Signal(s) : FID1A.ch  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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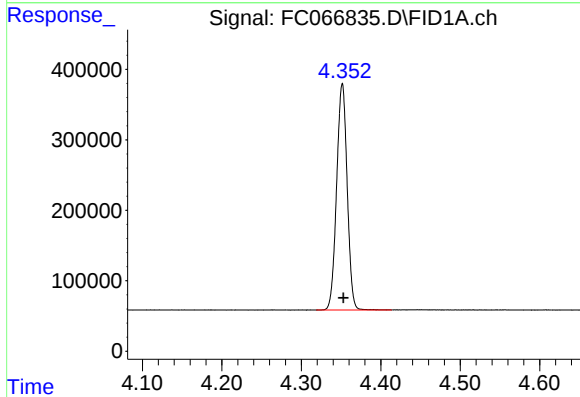




#1 n-Nonane (C9)

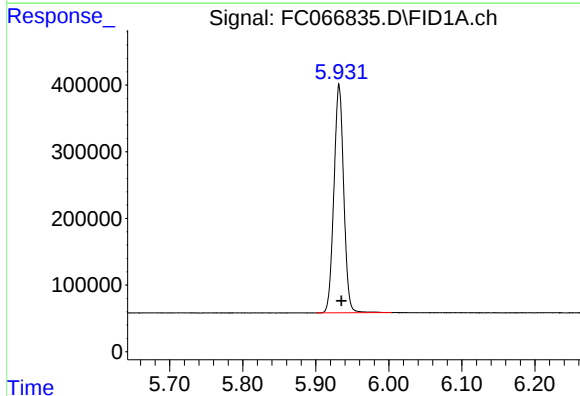
R.T.: 3.286 min  
Delta R.T.: 0.000 min  
Response: 2875041  
Conc: 20.26 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



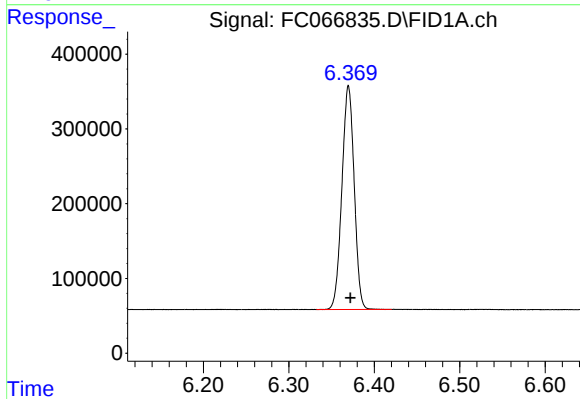
#2 n-Decane (C10)

R.T.: 4.352 min  
Delta R.T.: -0.001 min  
Response: 2960765  
Conc: 20.03 ug/ml



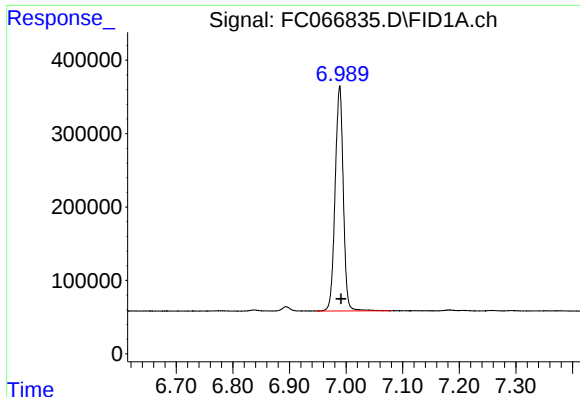
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min  
Delta R.T.: -0.003 min  
Response: 3195679  
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

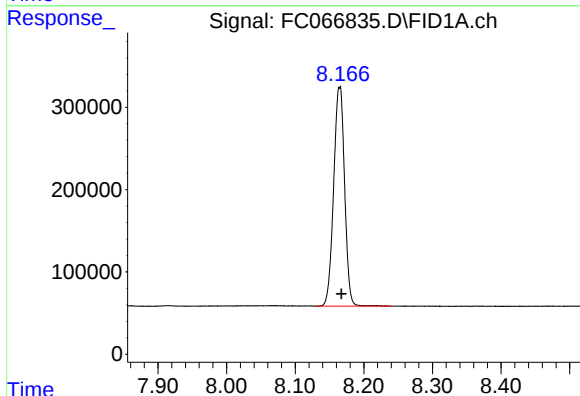
R.T.: 6.370 min  
Delta R.T.: -0.002 min  
Response: 2993131  
Conc: 19.97 ug/ml



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

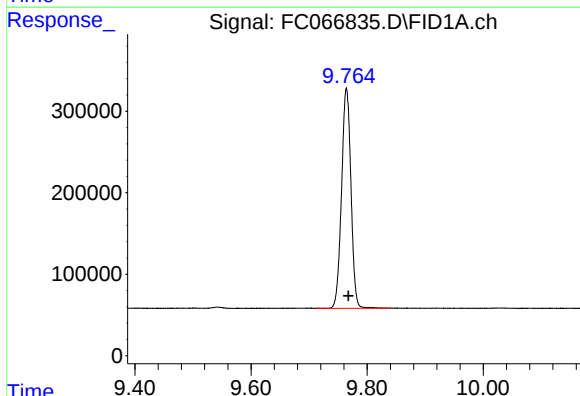
R.T.: 6.988 min  
Delta R.T.: -0.003 min  
Response: 3064970  
Conc: 19.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



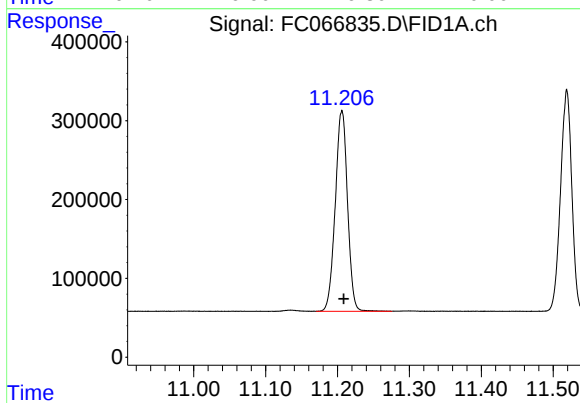
#6 n-Tetradecane (C14)

R.T.: 8.165 min  
Delta R.T.: -0.003 min  
Response: 2951351  
Conc: 20.17 ug/ml



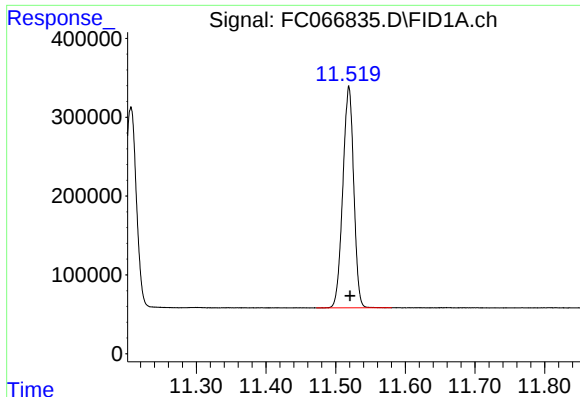
#7 n-Hexadecane (C16)

R.T.: 9.764 min  
Delta R.T.: -0.003 min  
Response: 3036647  
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

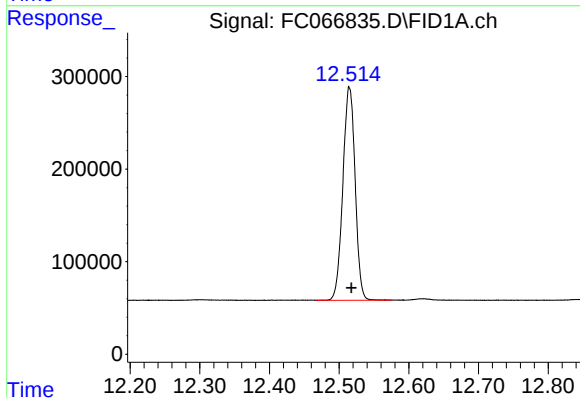
R.T.: 11.206 min  
Delta R.T.: -0.003 min  
Response: 3011781  
Conc: 20.30 ug/ml



#9 ortho-Terphenyl (SURR)

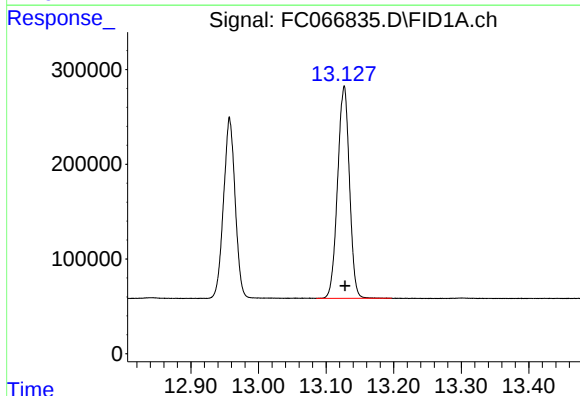
R.T.: 11.519 min  
Delta R.T.: -0.002 min  
Response: 3059755  
Conc: 19.87 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



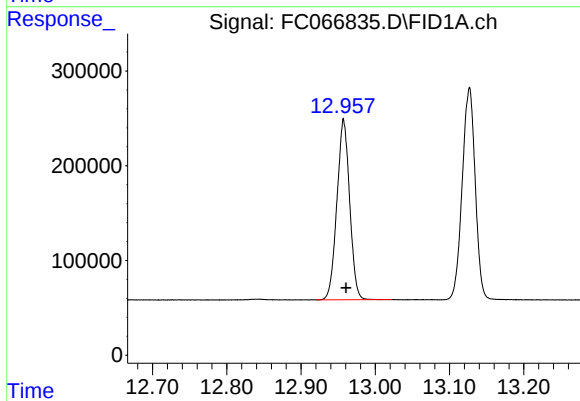
#10 n-Eicosane (C20)

R.T.: 12.515 min  
Delta R.T.: -0.003 min  
Response: 2816776  
Conc: 20.21 ug/ml



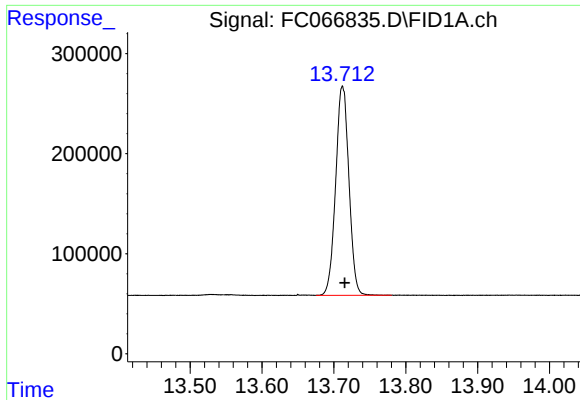
#11 n-Heneicosane (C21)

R.T.: 13.127 min  
Delta R.T.: -0.002 min  
Response: 2735036  
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

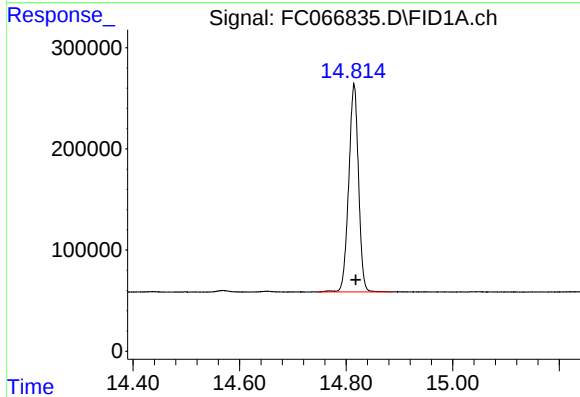
R.T.: 12.957 min  
Delta R.T.: -0.003 min  
Response: 2271533  
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

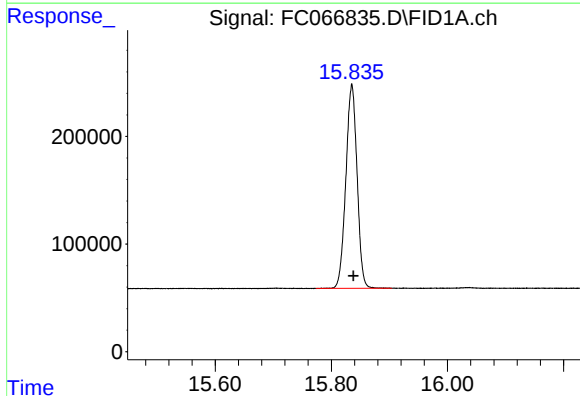
R.T.: 13.712 min  
Delta R.T.: -0.003 min  
Response: 2676631  
Conc: 19.93 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



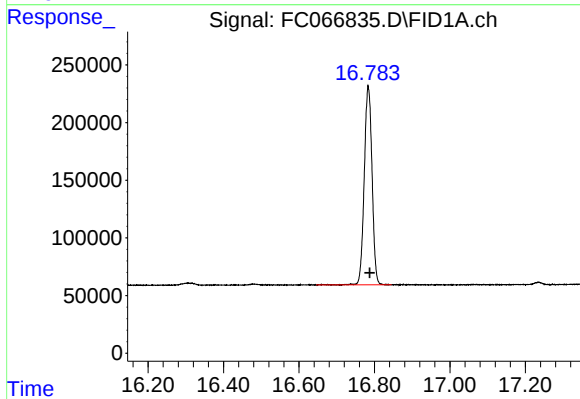
#14 n-Tetracosane (C24)

R.T.: 14.815 min  
Delta R.T.: -0.003 min  
Response: 2617915  
Conc: 19.68 ug/ml



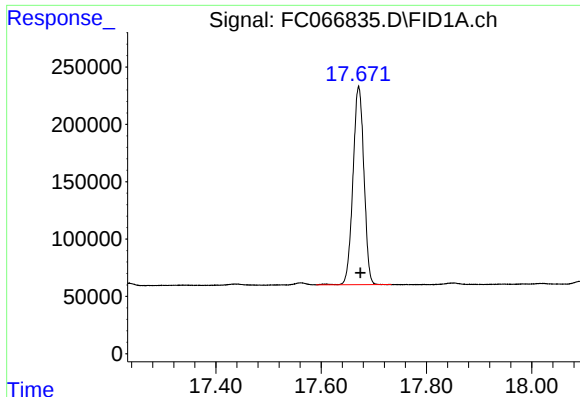
#15 n-Hexacosane (C26)

R.T.: 15.835 min  
Delta R.T.: -0.003 min  
Response: 2540859  
Conc: 19.53 ug/ml



#16 n-Octacosane (C28)

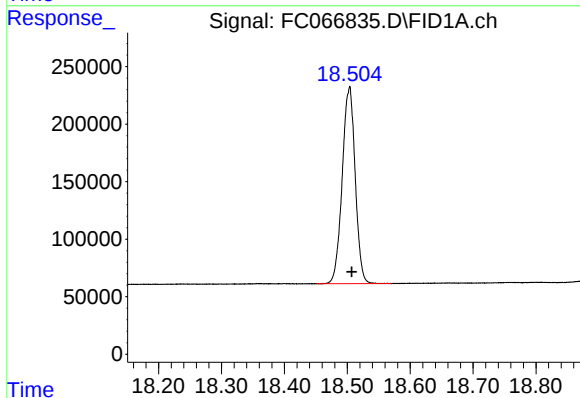
R.T.: 16.784 min  
Delta R.T.: -0.004 min  
Response: 2473577  
Conc: 19.61 ug/ml



#17 n-Tricontane (C30)

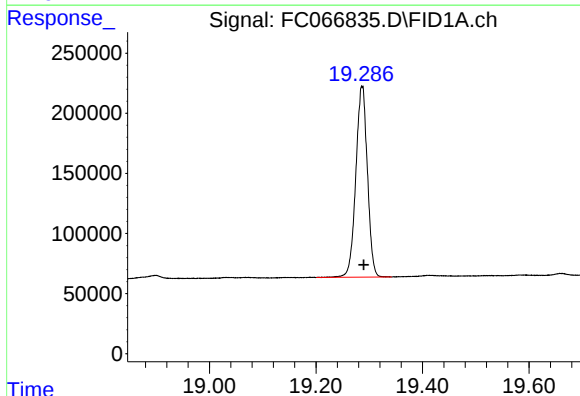
R.T.: 17.671 min  
Delta R.T.: -0.003 min  
Response: 2495254  
Conc: 19.40 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



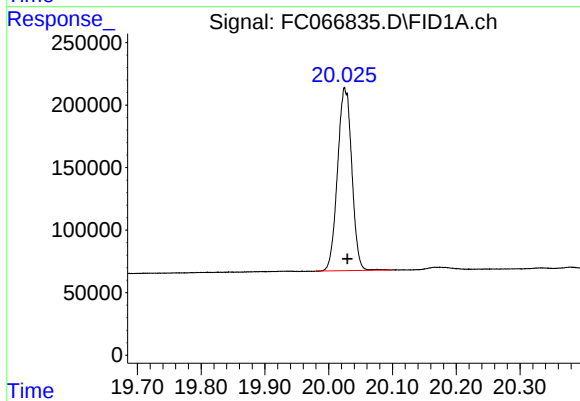
#18 n-Dotriacontane (C32)

R.T.: 18.503 min  
Delta R.T.: -0.004 min  
Response: 2451340  
Conc: 19.47 ug/ml



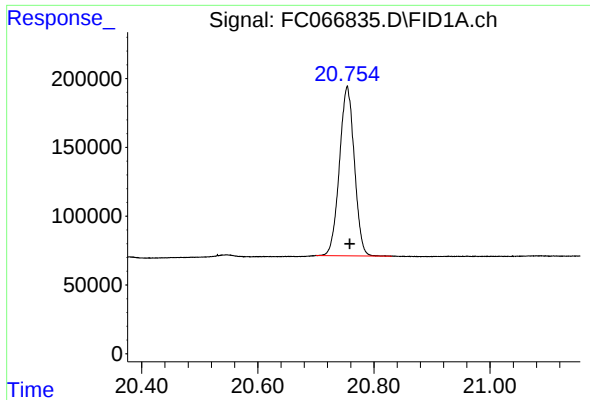
#19 n-Tetratriacontane (C34)

R.T.: 19.286 min  
Delta R.T.: -0.003 min  
Response: 2395183  
Conc: 19.36 ug/ml



#20 n-Hexatriacontane (C36)

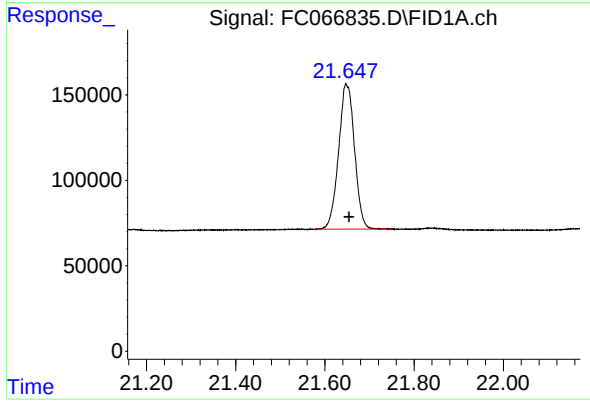
R.T.: 20.026 min  
Delta R.T.: -0.003 min  
Response: 2270058  
Conc: 19.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min  
Delta R.T.: -0.004 min  
Response: 2195942  
Conc: 19.76 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.648 min  
Delta R.T.: -0.006 min  
Response: 2107297  
Conc: 19.38 ug/ml