

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080224AL\  
 Data File : FC066912.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Aug 2024 22:41  
 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: Aug 02 23:33:37 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)    | 11.516 | 3130595    | 20.335 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.67%       |
| 12) S 1-chlorooctadecane (S... | 12.954 | 2313003    | 20.686 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.37%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.281  | 2953777    | 20.817 ug/ml |
| 2) T n-Decane (C10)            | 4.347  | 3040788    | 20.570 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.928  | 3247476    | 20.335 ug/ml |
| 4) T n-Dodecane (C12)          | 6.366  | 3027125    | 20.192 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.984  | 3102410    | 20.237 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.161  | 2946292    | 20.137 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.762  | 2983017    | 19.931 ug/ml |
| 8) T n-Octadecane (C18)        | 11.203 | 2965251    | 19.982 ug/ml |
| 10) T n-Eicosane (C20)         | 12.512 | 2799709    | 20.086 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.123 | 2729813    | 20.041 ug/ml |
| 13) T n-Docosane (C22)         | 13.709 | 2713789    | 20.204 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.811 | 2683239    | 20.173 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.831 | 2621004    | 20.143 ug/ml |
| 16) T n-Octacosane (C28)       | 16.781 | 2580513    | 20.455 ug/ml |
| 17) T n-Tricontane (C30)       | 17.668 | 2663683    | 20.714 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.500 | 2630433    | 20.894 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.283 | 2506436    | 20.260 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.022 | 2318162    | 19.928 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.751 | 2246942    | 20.223 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.647 | 2167528    | 19.938 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

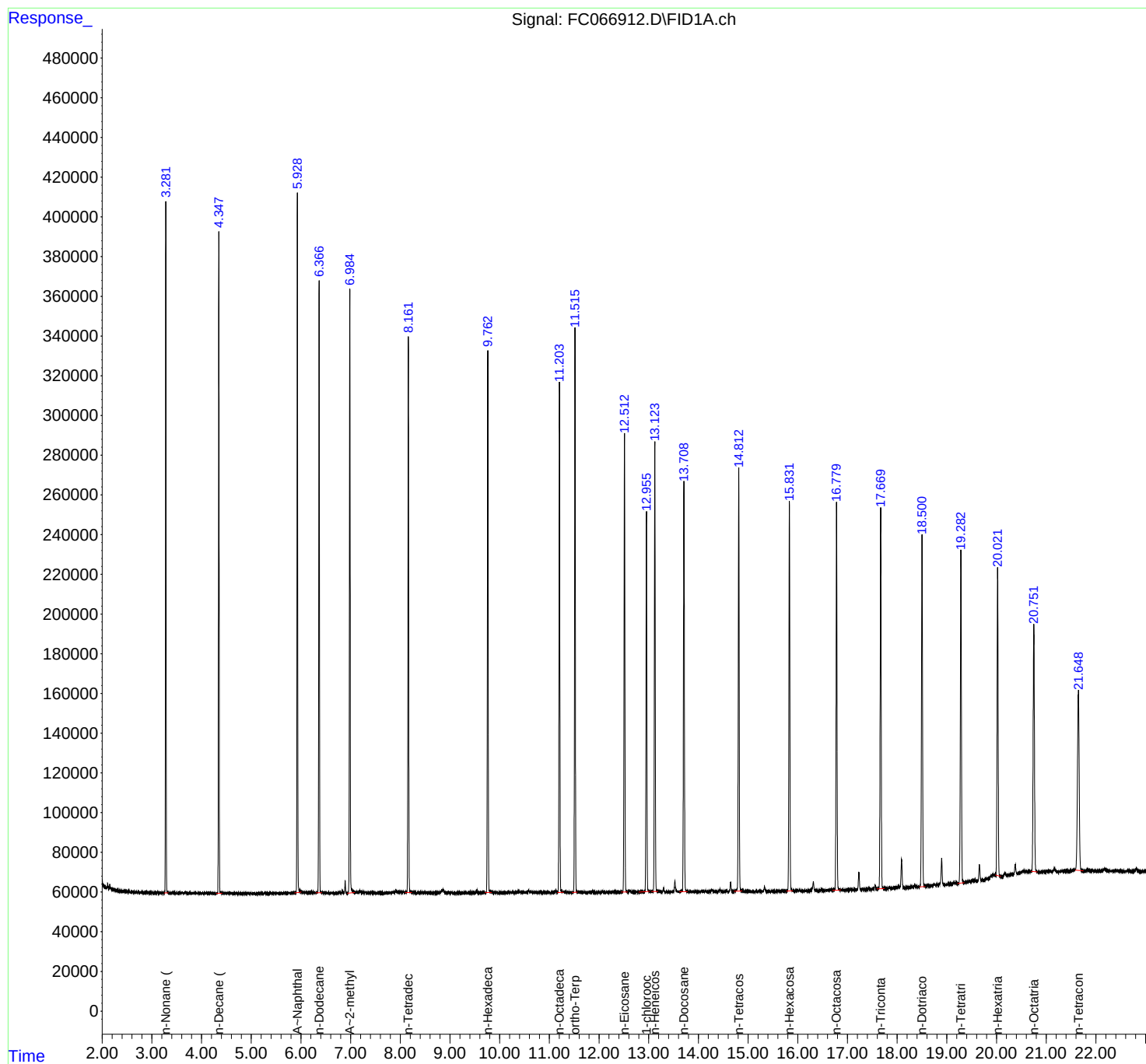
(m)=manual int.

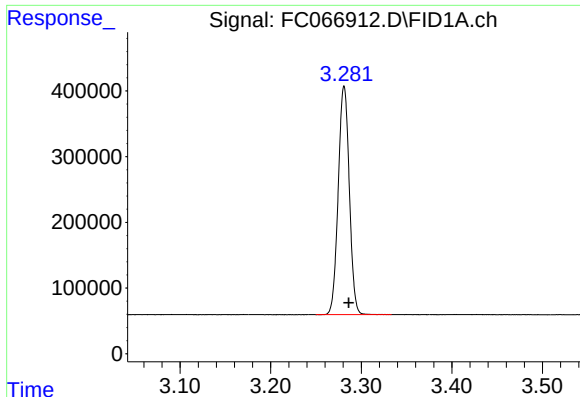
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080224AL\  
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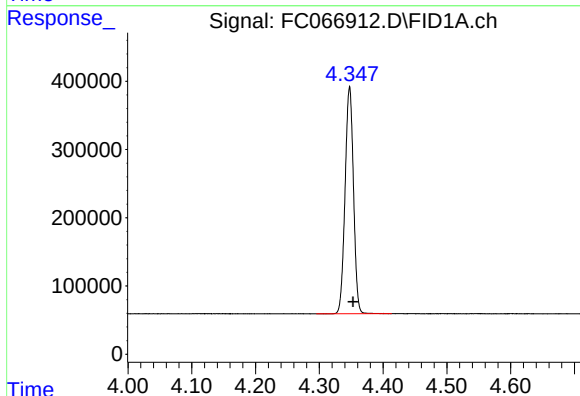




#1 n-Nonane (C9)

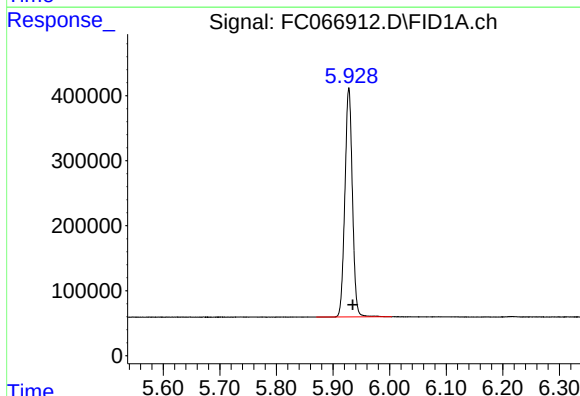
R.T.: 3.281 min  
Delta R.T.: -0.005 min  
Response: 2953777  
Conc: 20.82 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



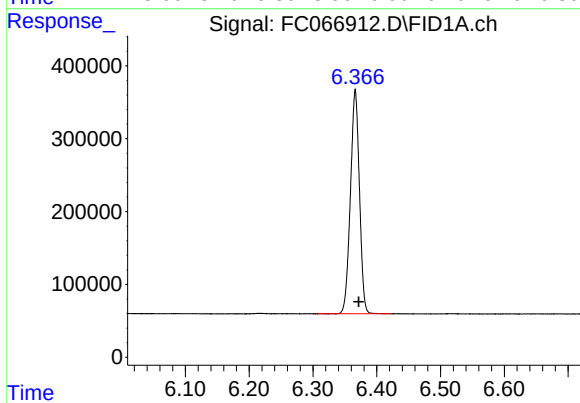
#2 n-Decane (C10)

R.T.: 4.347 min  
Delta R.T.: -0.005 min  
Response: 3040788  
Conc: 20.57 ug/ml



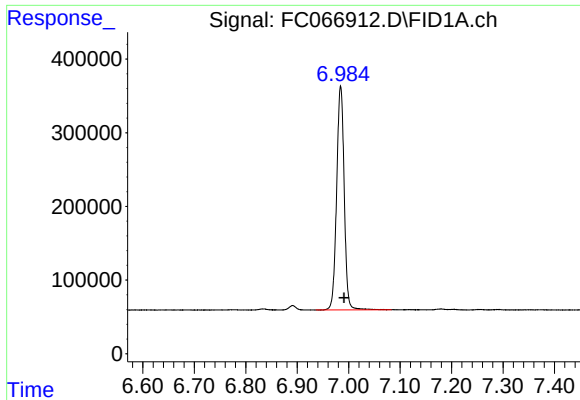
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min  
Delta R.T.: -0.007 min  
Response: 3247476  
Conc: 20.34 ug/ml



#4 n-Dodecane (C12)

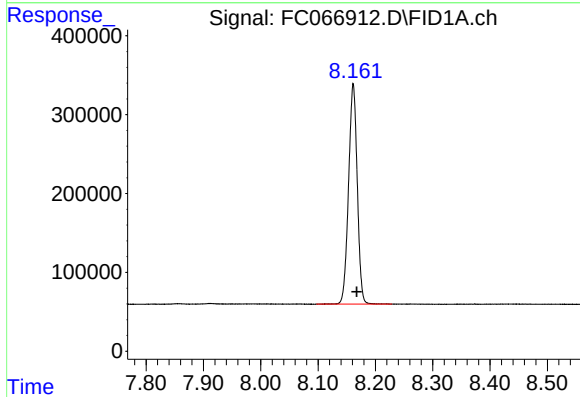
R.T.: 6.366 min  
Delta R.T.: -0.006 min  
Response: 3027125  
Conc: 20.19 ug/ml



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

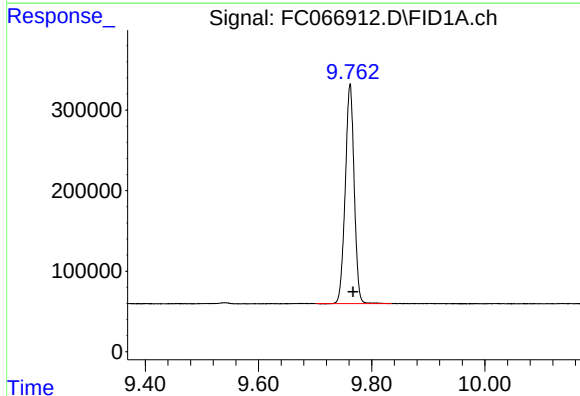
R.T.: 6.984 min  
Delta R.T.: -0.007 min  
Response: 3102410  
Conc: 20.24 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



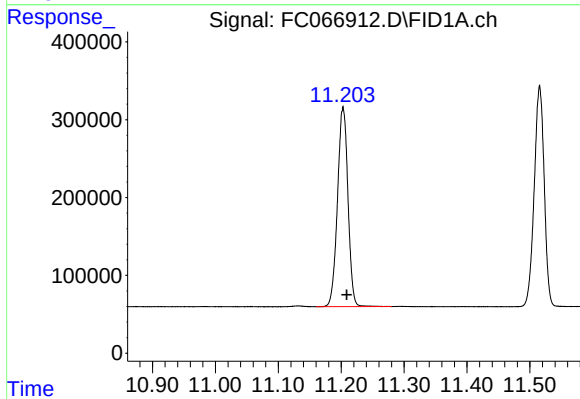
#6 n-Tetradecane (C14)

R.T.: 8.161 min  
Delta R.T.: -0.006 min  
Response: 2946292  
Conc: 20.14 ug/ml



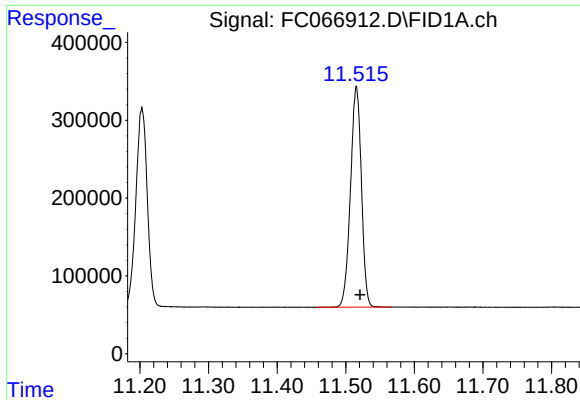
#7 n-Hexadecane (C16)

R.T.: 9.762 min  
Delta R.T.: -0.006 min  
Response: 2983017  
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

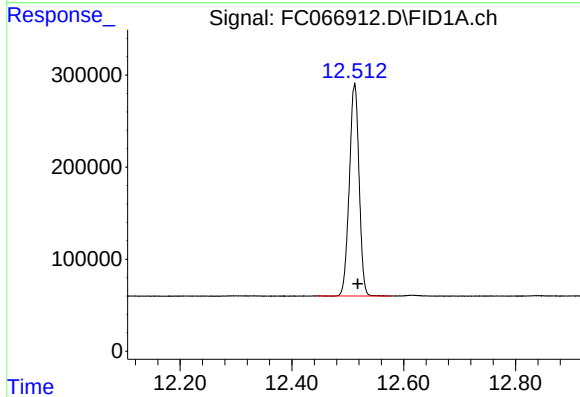
R.T.: 11.203 min  
Delta R.T.: -0.006 min  
Response: 2965251  
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

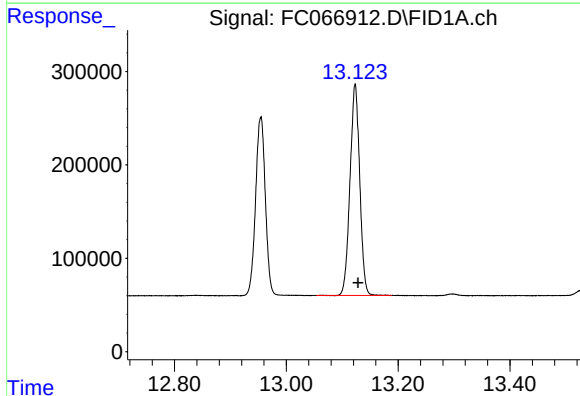
R.T.: 11.516 min  
Delta R.T.: -0.005 min  
Response: 3130595  
Conc: 20.33 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



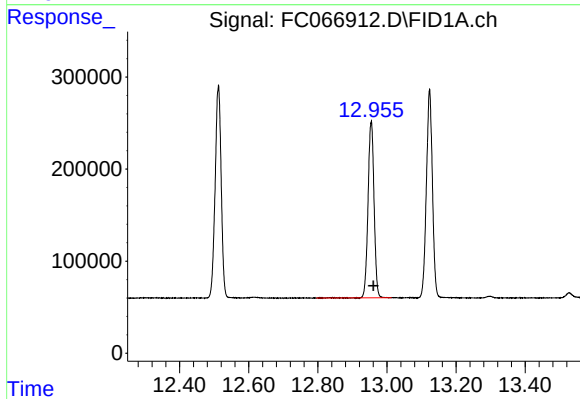
#10 n-Eicosane (C20)

R.T.: 12.512 min  
Delta R.T.: -0.006 min  
Response: 2799709  
Conc: 20.09 ug/ml



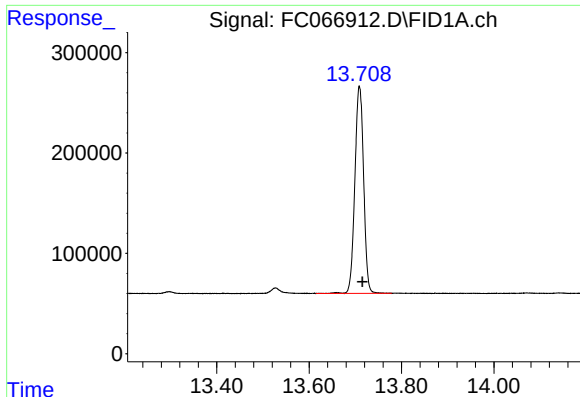
#11 n-Heneicosane (C21)

R.T.: 13.123 min  
Delta R.T.: -0.005 min  
Response: 2729813  
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

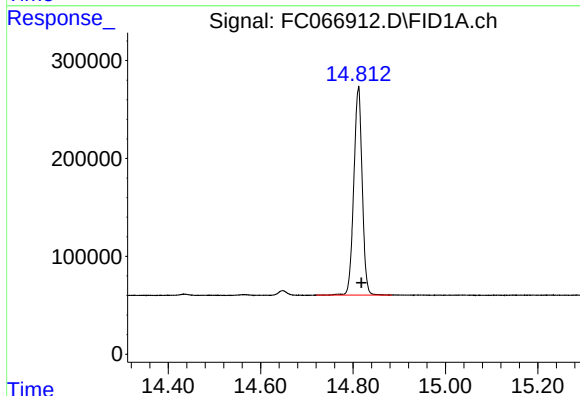
R.T.: 12.954 min  
Delta R.T.: -0.006 min  
Response: 2313003  
Conc: 20.69 ug/ml



#13 n-Docosane (C22)

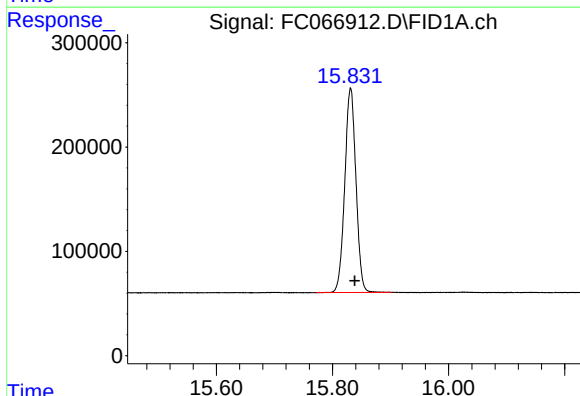
R.T.: 13.709 min  
Delta R.T.: -0.006 min  
Response: 2713789  
Conc: 20.20 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



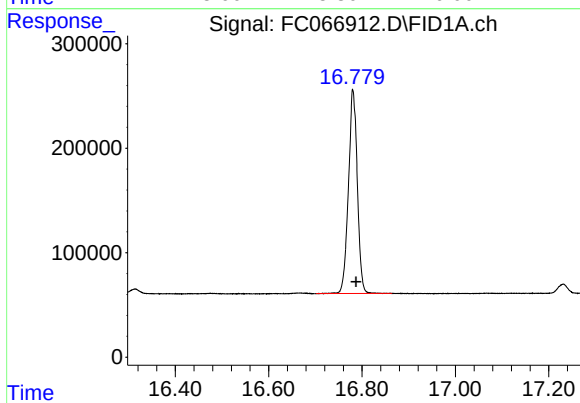
#14 n-Tetracosane (C24)

R.T.: 14.811 min  
Delta R.T.: -0.006 min  
Response: 2683239  
Conc: 20.17 ug/ml



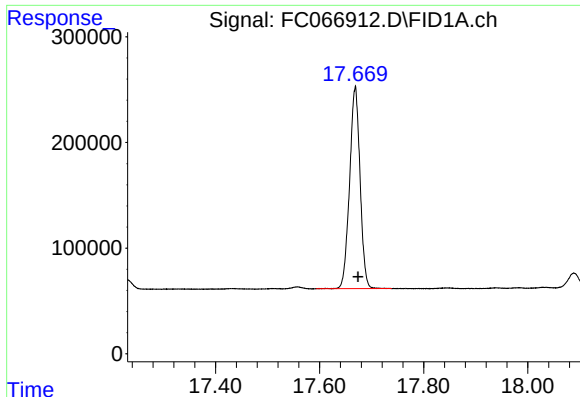
#15 n-Hexacosane (C26)

R.T.: 15.831 min  
Delta R.T.: -0.007 min  
Response: 2621004  
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

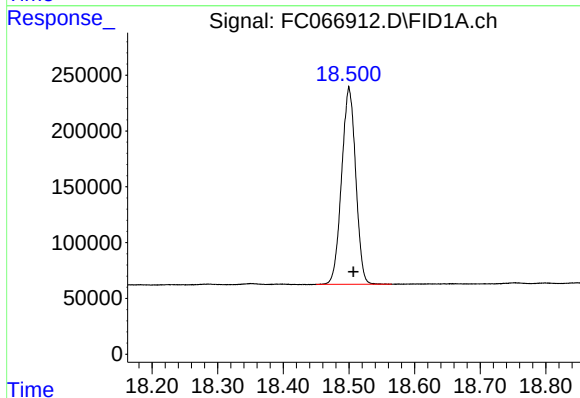
R.T.: 16.781 min  
Delta R.T.: -0.007 min  
Response: 2580513  
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

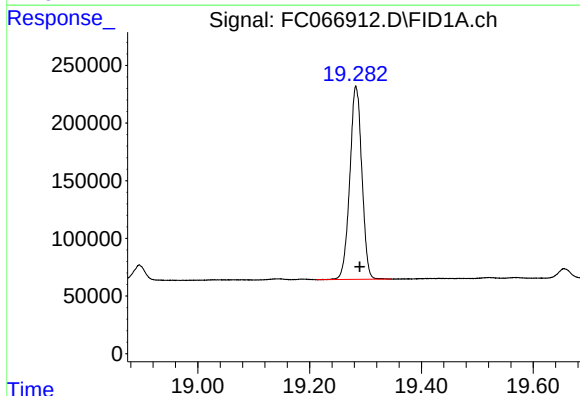
R.T.: 17.668 min  
Delta R.T.: -0.006 min  
Response: 2663683  
Conc: 20.71 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



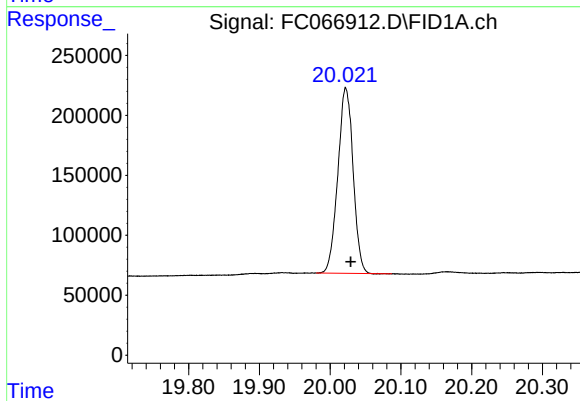
#18 n-Dotriacontane (C32)

R.T.: 18.500 min  
Delta R.T.: -0.007 min  
Response: 2630433  
Conc: 20.89 ug/ml



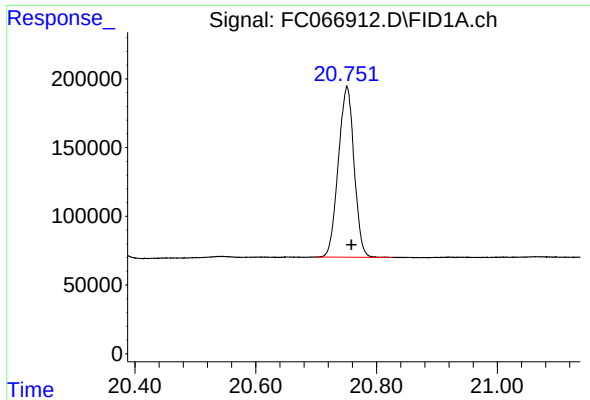
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min  
Delta R.T.: -0.007 min  
Response: 2506436  
Conc: 20.26 ug/ml



#20 n-Hexatriacontane (C36)

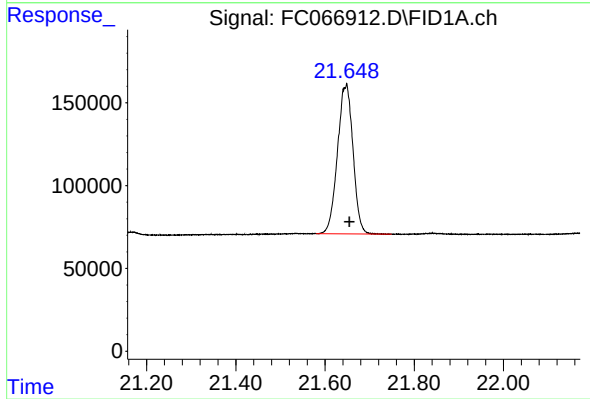
R.T.: 20.022 min  
Delta R.T.: -0.007 min  
Response: 2318162  
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.751 min  
Delta R.T.: -0.007 min  
Response: 2246942  
Conc: 20.22 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.647 min  
Delta R.T.: -0.007 min  
Response: 2167528  
Conc: 19.94 ug/ml