

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071123AL\  
 Data File : FC064099.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Jul 2023 08:56  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Jul 12 09:36:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062423.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jun 25 04:03:48 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)    | 11.519 | 3717897    | 19.148 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.30%        |
| 12) S 1-chlorooctadecane (S... | 12.953 | 2647462    | 19.029 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.06%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.302  | 3367764    | 18.883 ug/ml  |
| 2) T n-Decane (C10)            | 4.366  | 3413586    | 18.864 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.947  | 3497981    | 18.753 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.379  | 3403221    | 18.891 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.001  | 3307235    | 18.792 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.170  | 3276294    | 18.939 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.768  | 3289097    | 18.934 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.206 | 3286528    | 19.069 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.511 | 3096380    | 18.967 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.121 | 3019420    | 18.845 ug/ml  |
| 13) T n-Docosane (C22)         | 13.707 | 2973704    | 18.924 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.806 | 2914071    | 18.488 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.822 | 2841849    | 18.809 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.770 | 2781062    | 18.457 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.652 | 2848011    | 18.242 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.482 | 2838730    | 17.969 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.265 | 2816597    | 18.304 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.999 | 2748290    | 18.615 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.724 | 2764523    | 18.663 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.608 | 2733510    | 18.754 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

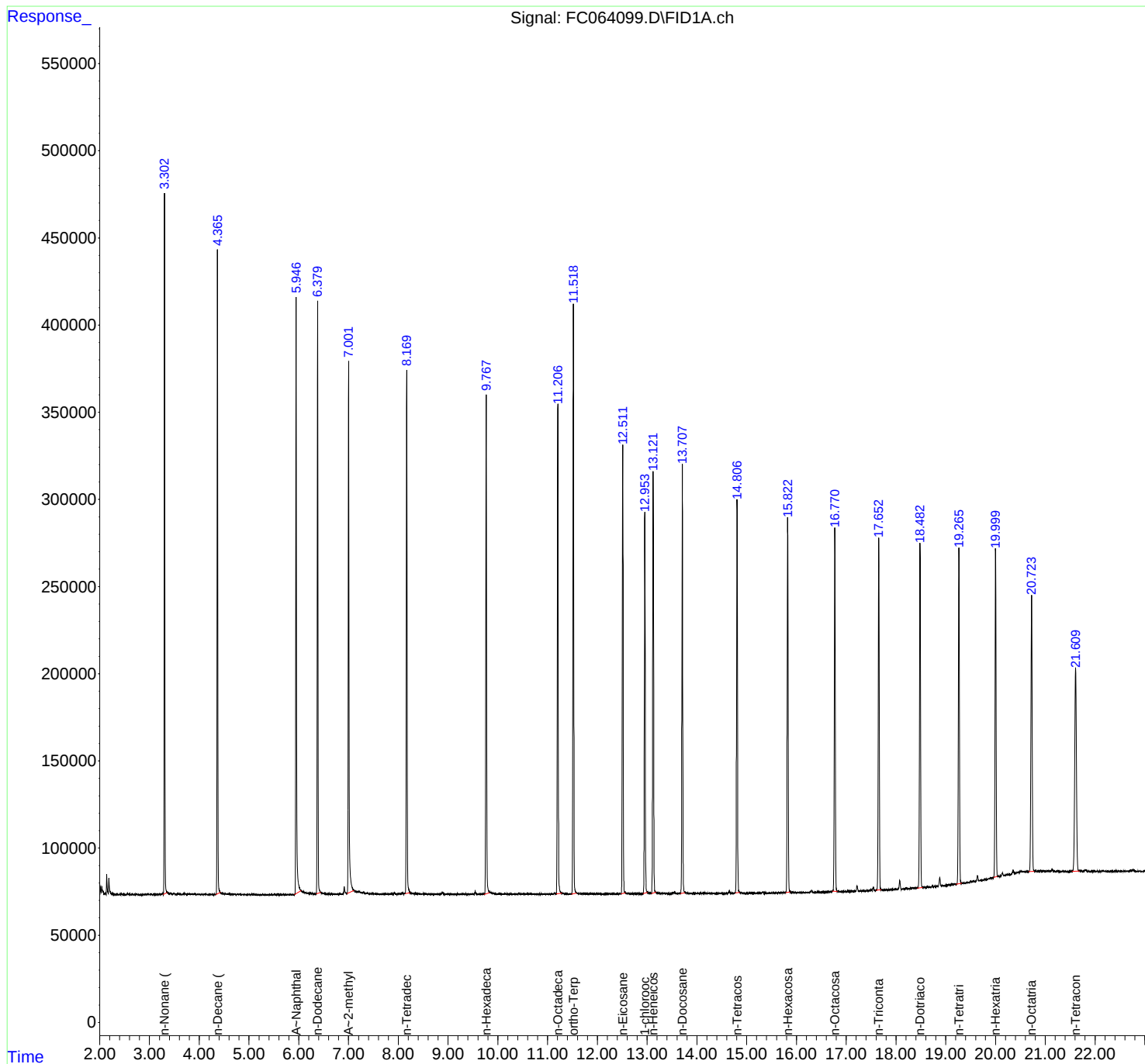
(m)=manual int.

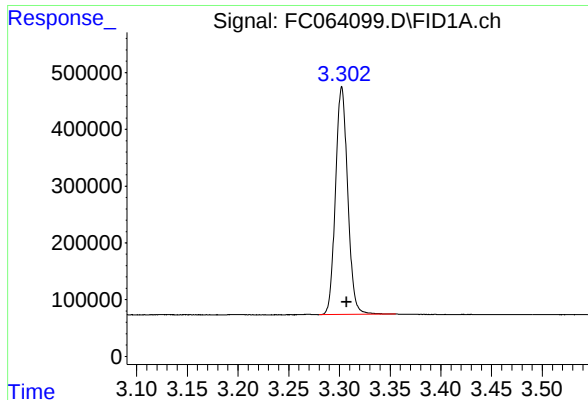
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071123AL\  
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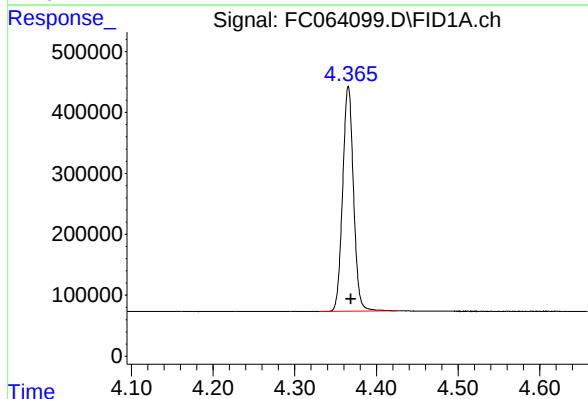




#1 n-Nonane (C9)

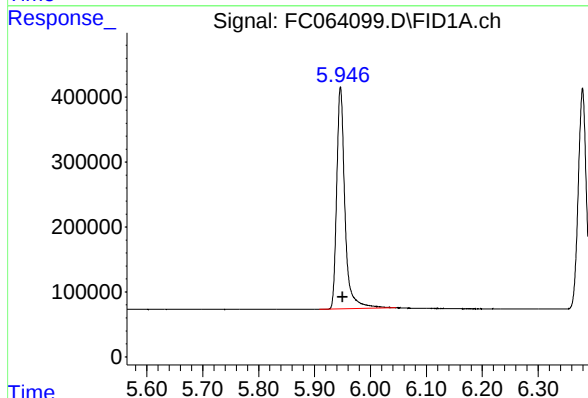
R.T.: 3.302 min  
Delta R.T.: -0.005 min  
Response: 3367764  
Conc: 18.88 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



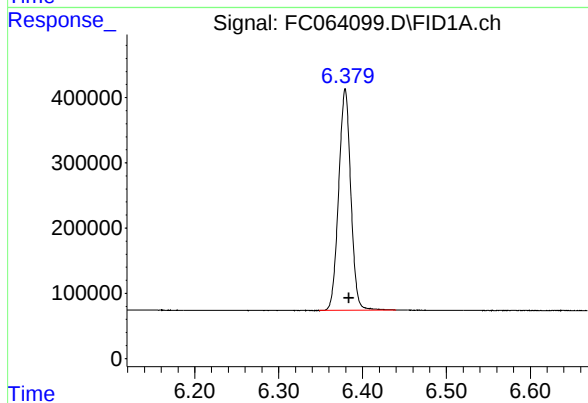
#2 n-Decane (C10)

R.T.: 4.366 min  
Delta R.T.: -0.003 min  
Response: 3413586  
Conc: 18.86 ug/ml



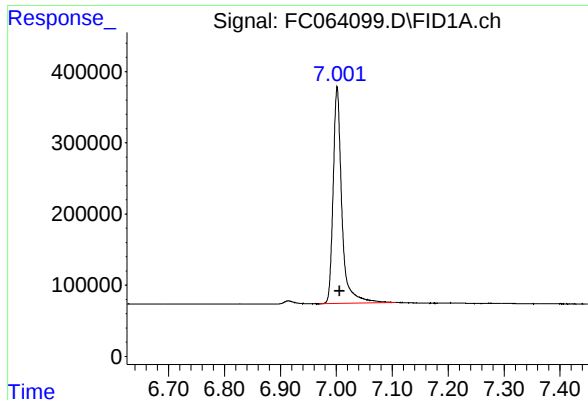
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 3497981  
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

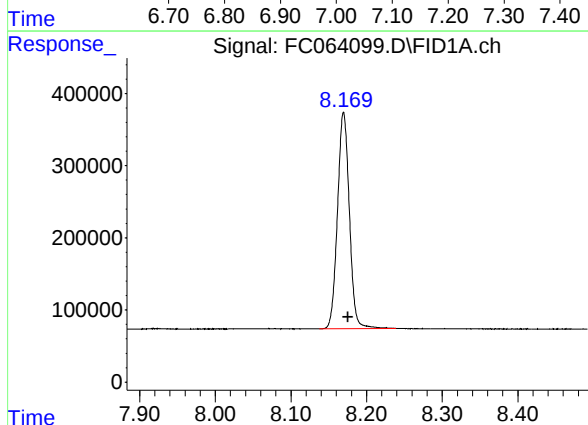
R.T.: 6.379 min  
Delta R.T.: -0.004 min  
Response: 3403221  
Conc: 18.89 ug/ml



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

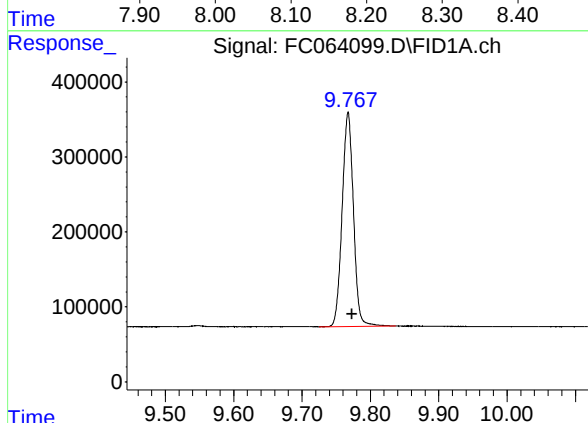
R.T.: 7.001 min  
Delta R.T.: -0.004 min  
Response: 3307235  
Conc: 18.79 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



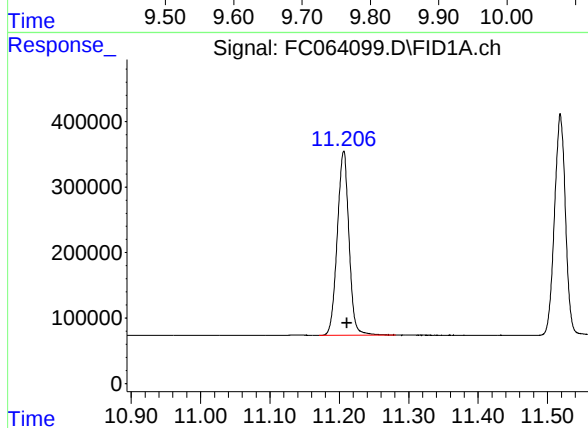
#6 n-Tetradecane (C14)

R.T.: 8.170 min  
Delta R.T.: -0.006 min  
Response: 3276294  
Conc: 18.94 ug/ml



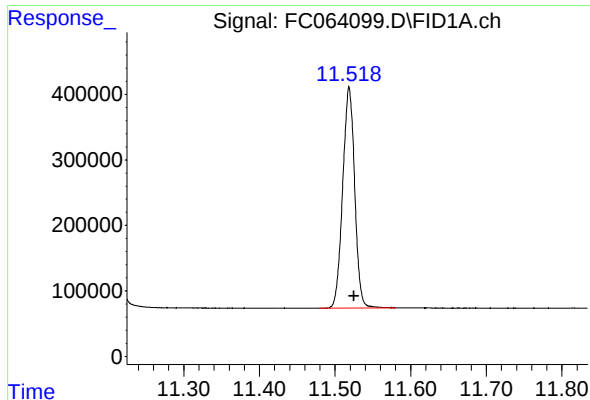
#7 n-Hexadecane (C16)

R.T.: 9.768 min  
Delta R.T.: -0.006 min  
Response: 3289097  
Conc: 18.93 ug/ml



#8 n-Octadecane (C18)

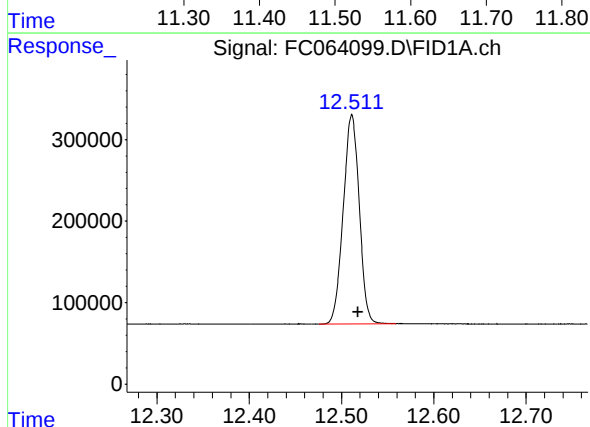
R.T.: 11.206 min  
Delta R.T.: -0.005 min  
Response: 3286528  
Conc: 19.07 ug/ml



#9 ortho-Terphenyl (SURR)

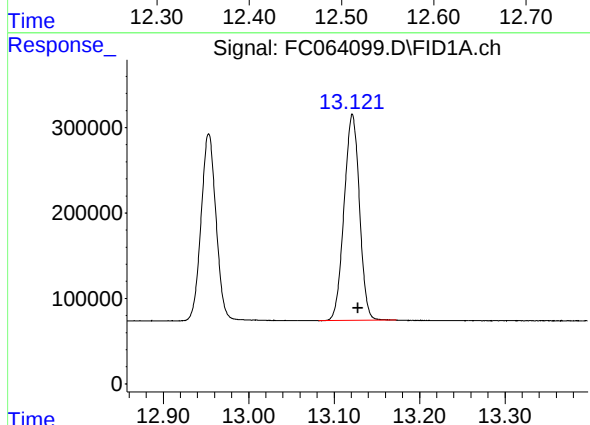
R.T.: 11.519 min  
Delta R.T.: -0.006 min  
Response: 3717897  
Conc: 19.15 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



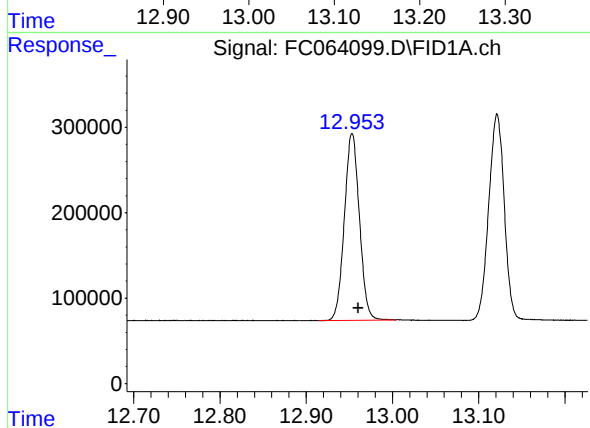
#10 n-Eicosane (C20)

R.T.: 12.511 min  
Delta R.T.: -0.007 min  
Response: 3096380  
Conc: 18.97 ug/ml



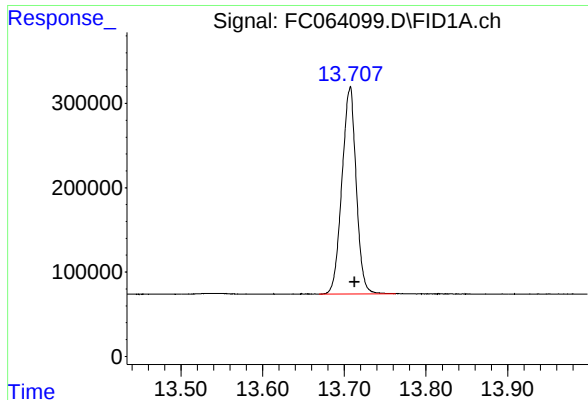
#11 n-Heneicosane (C21)

R.T.: 13.121 min  
Delta R.T.: -0.007 min  
Response: 3019420  
Conc: 18.85 ug/ml



#12 1-chlorooctadecane (SURR)

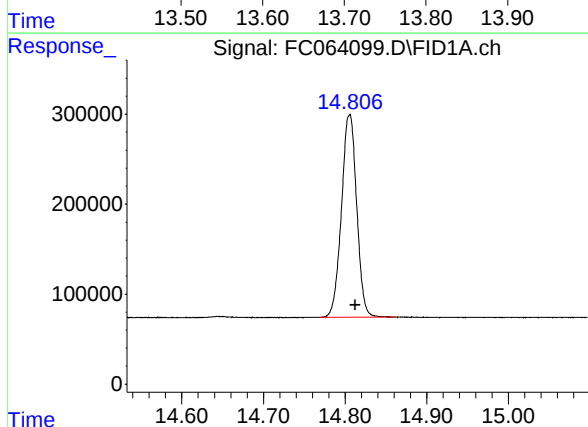
R.T.: 12.953 min  
Delta R.T.: -0.007 min  
Response: 2647462  
Conc: 19.03 ug/ml



#13 n-Docosane (C22)

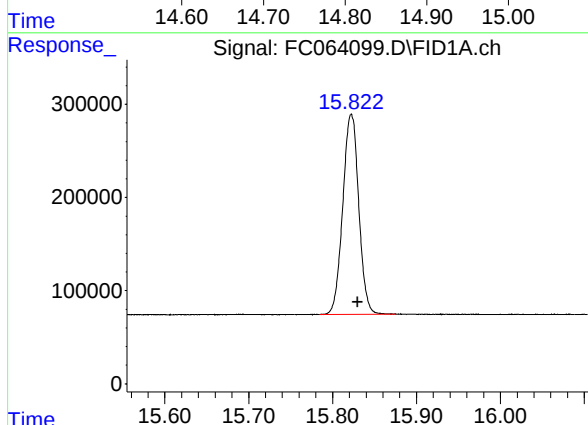
R.T.: 13.707 min  
Delta R.T.: -0.006 min  
Response: 2973704  
Conc: 18.92 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



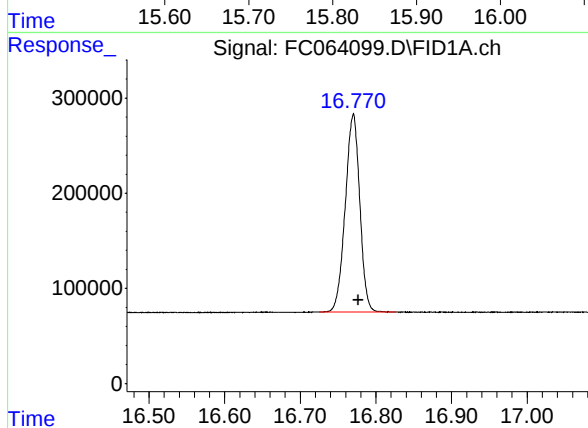
#14 n-Tetracosane (C24)

R.T.: 14.806 min  
Delta R.T.: -0.007 min  
Response: 2914071  
Conc: 18.49 ug/ml



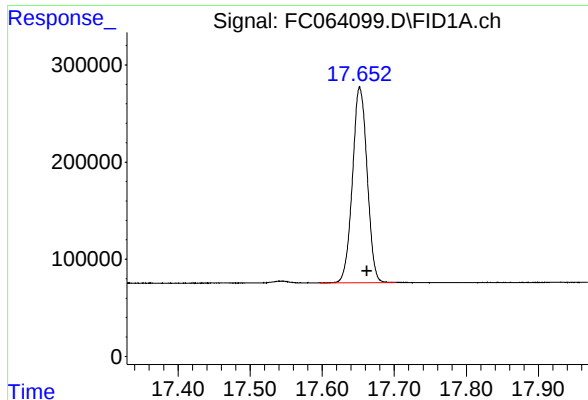
#15 n-Hexacosane (C26)

R.T.: 15.822 min  
Delta R.T.: -0.008 min  
Response: 2841849  
Conc: 18.81 ug/ml



#16 n-Octacosane (C28)

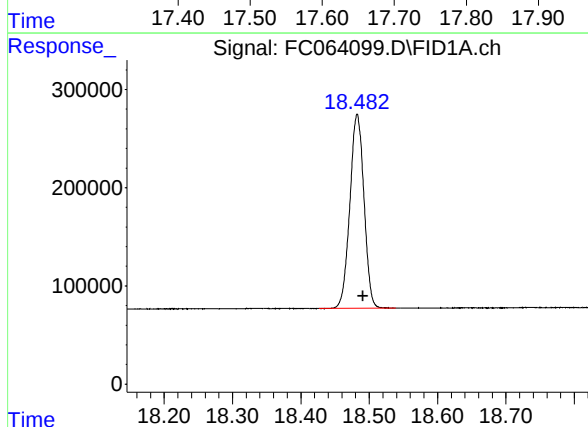
R.T.: 16.770 min  
Delta R.T.: -0.007 min  
Response: 2781062  
Conc: 18.46 ug/ml



#17 n-Tricontane (C30)

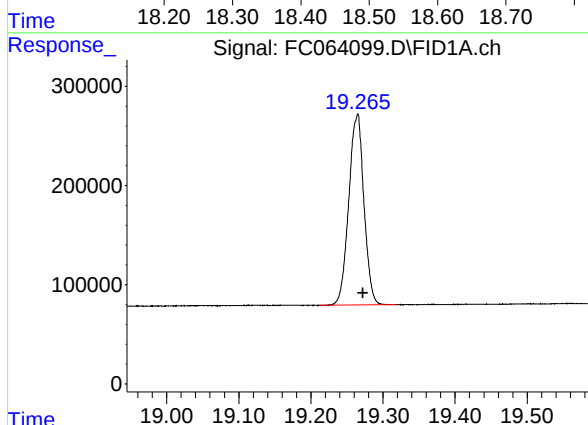
R.T.: 17.652 min  
Delta R.T.: -0.010 min  
Response: 2848011  
Conc: 18.24 ug/ml

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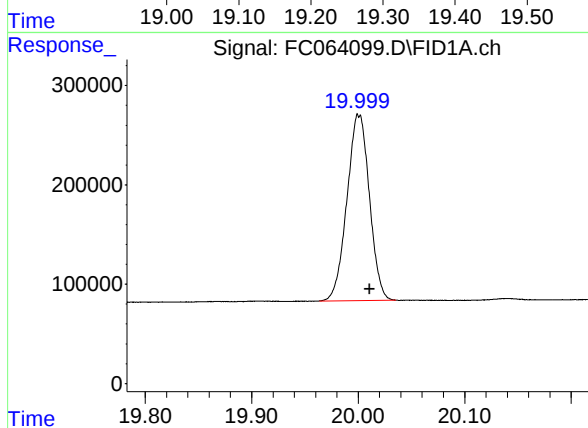
#18 n-Dotriacontane (C32)

R.T.: 18.482 min  
Delta R.T.: -0.009 min  
Response: 2838730  
Conc: 17.97 ug/ml



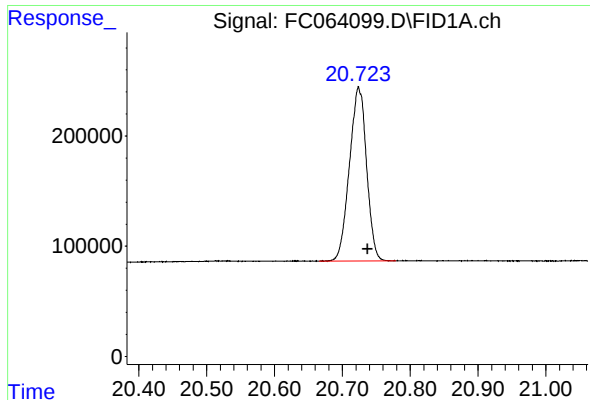
#19 n-Tetatriacontane (C34)

R.T.: 19.265 min  
Delta R.T.: -0.007 min  
Response: 2816597  
Conc: 18.30 ug/ml



#20 n-Hexatriacontane (C36)

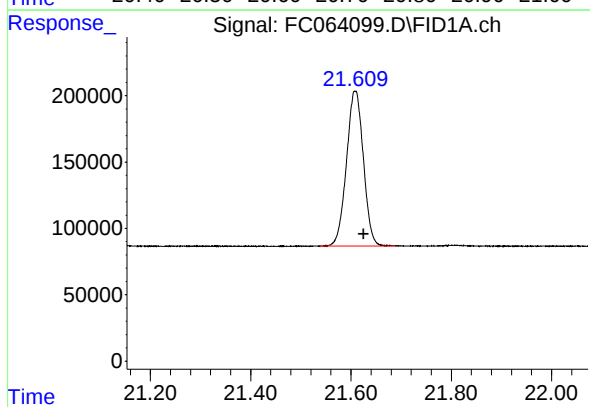
R.T.: 19.999 min  
Delta R.T.: -0.012 min  
Response: 2748290  
Conc: 18.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.724 min  
Delta R.T.: -0.014 min  
Response: 2764523  
Conc: 18.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.608 min  
Delta R.T.: -0.017 min  
Response: 2733510  
Conc: 18.75 ug/ml