

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F100623AL\  
 Data File : FC064771.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Oct 2023 23:27  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 07 02:38:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 01:25:53 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)    | 11.522 | 4234878    | 20.929 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.86%       |
| 12) S 1-chlorooctadecane (S... | 12.953 | 3085044    | 21.180 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.36%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.323  | 3624214    | 20.508 ug/ml |
| 2) T n-Decane (C10)            | 4.383  | 3659254    | 20.369 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.963  | 3833350    | 20.405 ug/ml |
| 4) T n-Dodecane (C12)          | 6.391  | 3712838    | 20.441 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.017  | 3609568    | 20.240 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.178  | 3646497    | 20.551 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.773  | 3655315    | 20.335 ug/ml |
| 8) T n-Octadecane (C18)        | 11.209 | 3664795    | 20.241 ug/ml |
| 10) T n-Eicosane (C20)         | 12.512 | 3509338    | 20.602 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.121 | 3420462    | 20.652 ug/ml |
| 13) T n-Docosane (C22)         | 13.704 | 3371630    | 20.696 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.802 | 3272810    | 20.615 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.818 | 3145341    | 20.605 ug/ml |
| 16) T n-Octacosane (C28)       | 16.764 | 3086592    | 20.856 ug/ml |
| 17) T n-Tricontane (C30)       | 17.647 | 3171547    | 21.349 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.475 | 3162311    | 21.669 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.254 | 2962610    | 20.839 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.991 | 2802236    | 20.345 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.711 | 2786221    | 20.330 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.593 | 2719938    | 19.996 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

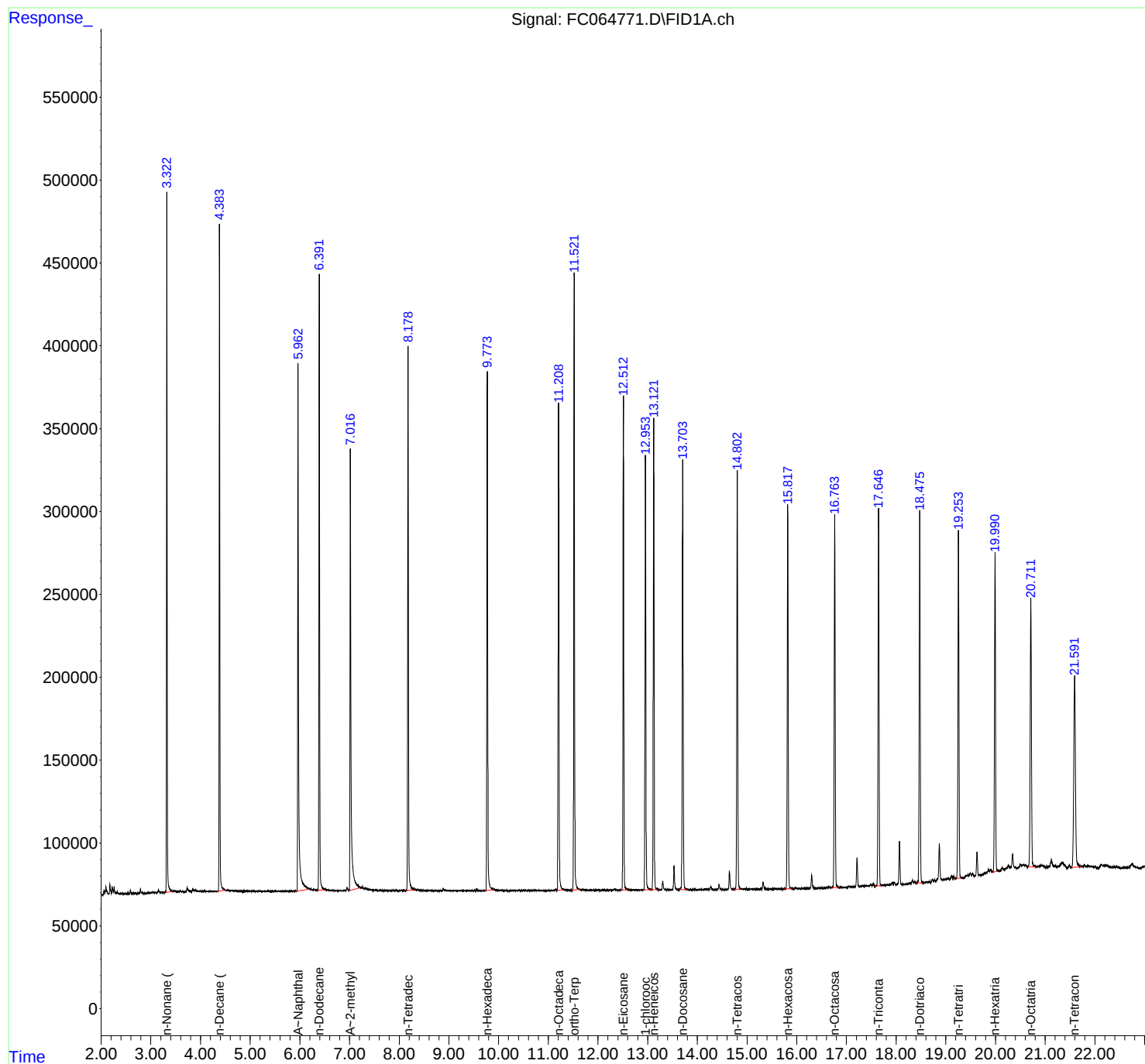
(m)=manual int.

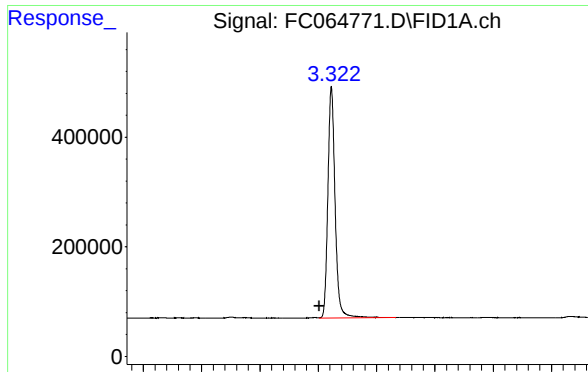
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100623AL\  
Data File : FC064771.D  
Signal(s) : FID1A.ch  
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Operator : YP/AJ  
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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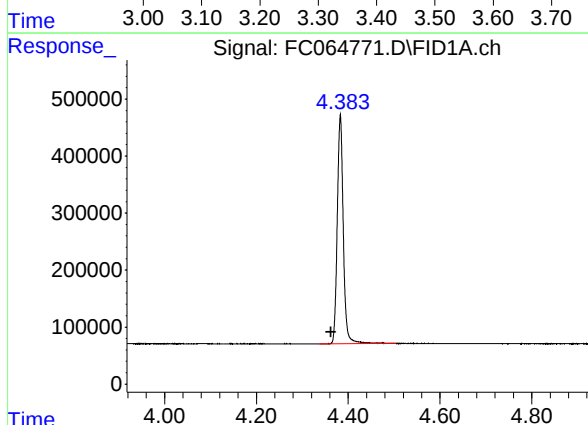




#1 n-Nonane (C9)

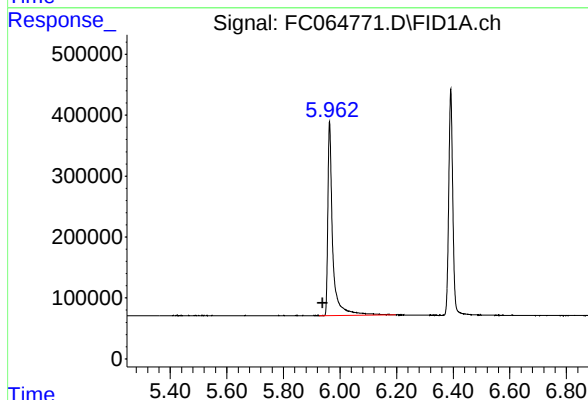
R.T.: 3.323 min  
Delta R.T.: 0.021 min  
Response: 3624214  
Conc: 20.51 ug/ml

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



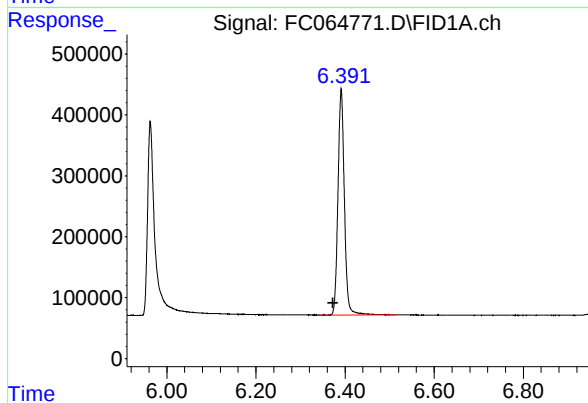
#2 n-Decane (C10)

R.T.: 4.383 min  
Delta R.T.: 0.021 min  
Response: 3659254  
Conc: 20.37 ug/ml



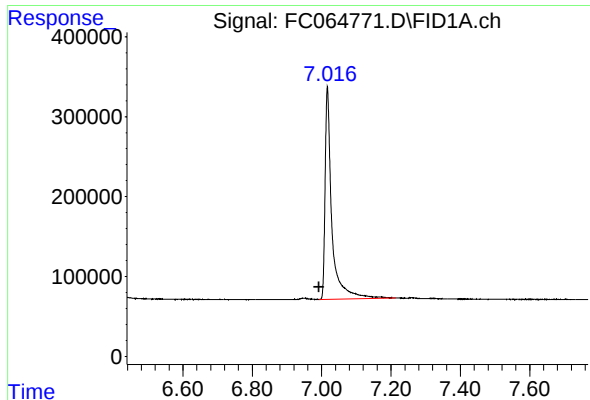
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min  
Delta R.T.: 0.024 min  
Response: 3833350  
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

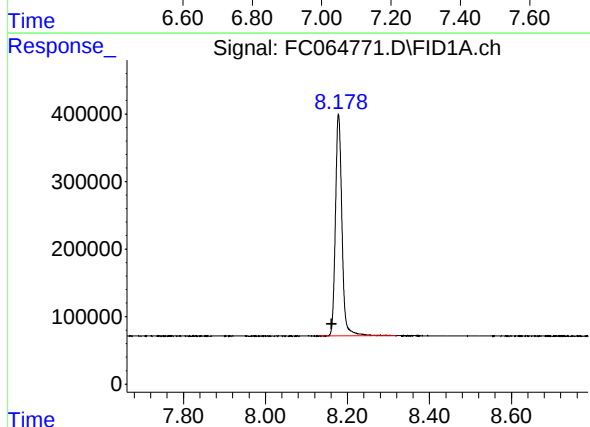
R.T.: 6.391 min  
Delta R.T.: 0.019 min  
Response: 3712838  
Conc: 20.44 ug/ml



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

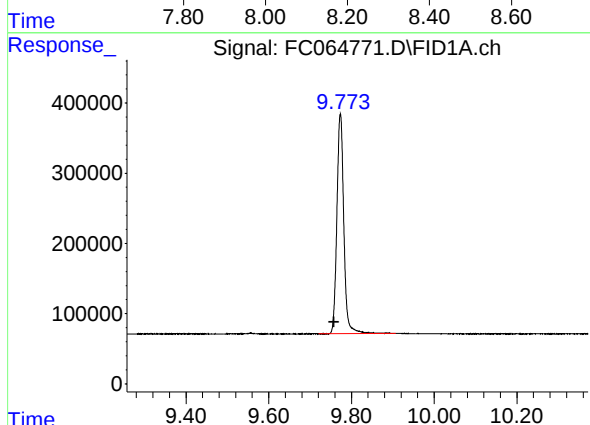
R.T.: 7.017 min  
Delta R.T.: 0.024 min  
Response: 3609568  
Conc: 20.24 ug/ml

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



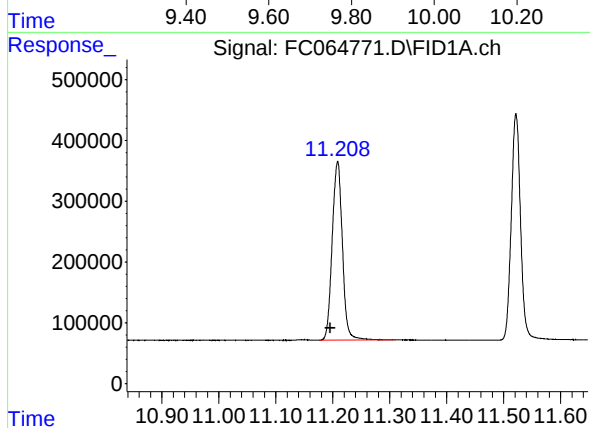
#6 n-Tetradecane (C14)

R.T.: 8.178 min  
Delta R.T.: 0.017 min  
Response: 3646497  
Conc: 20.55 ug/ml



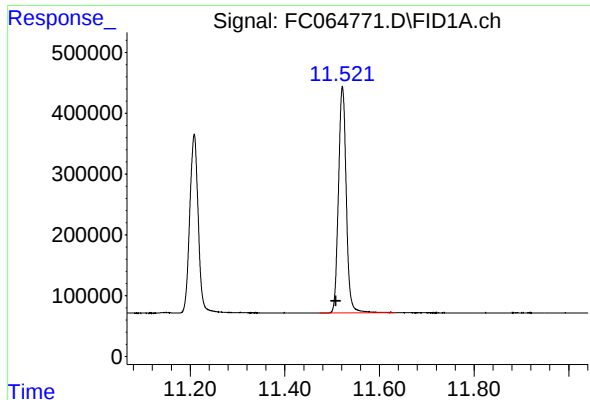
#7 n-Hexadecane (C16)

R.T.: 9.773 min  
Delta R.T.: 0.015 min  
Response: 3655315  
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

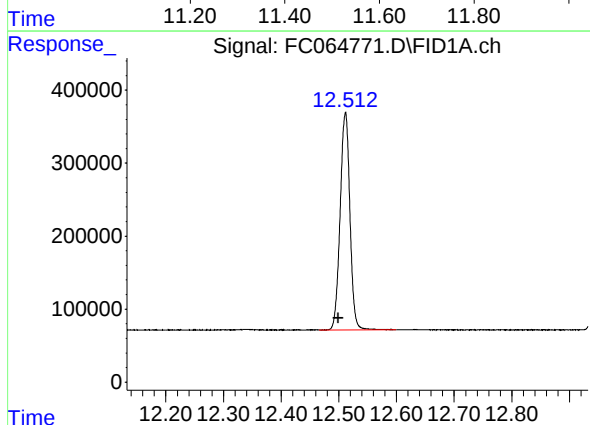
R.T.: 11.209 min  
Delta R.T.: 0.013 min  
Response: 3664795  
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

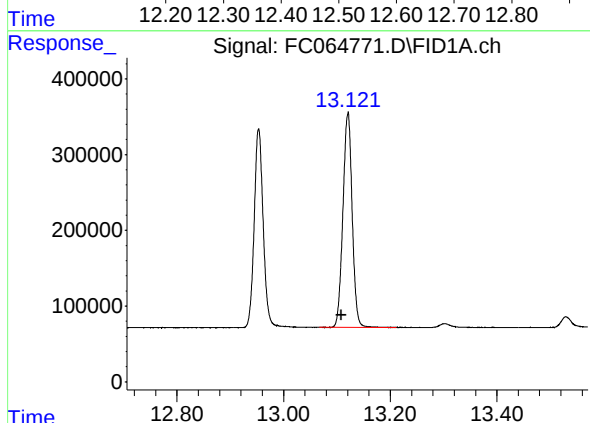
R.T.: 11.522 min  
Delta R.T.: 0.013 min  
Response: 4234878  
Conc: 20.93 ug/ml

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



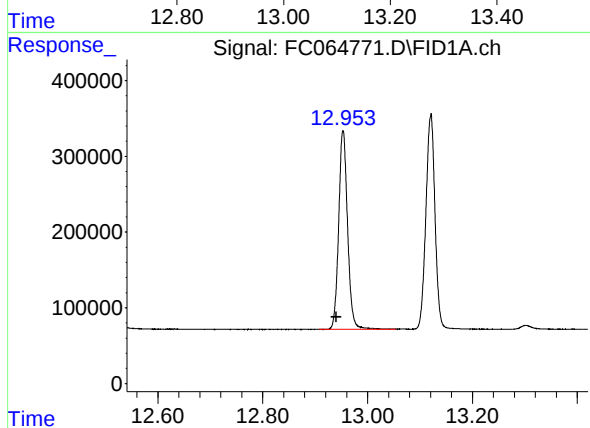
#10 n-Eicosane (C20)

R.T.: 12.512 min  
Delta R.T.: 0.012 min  
Response: 3509338  
Conc: 20.60 ug/ml



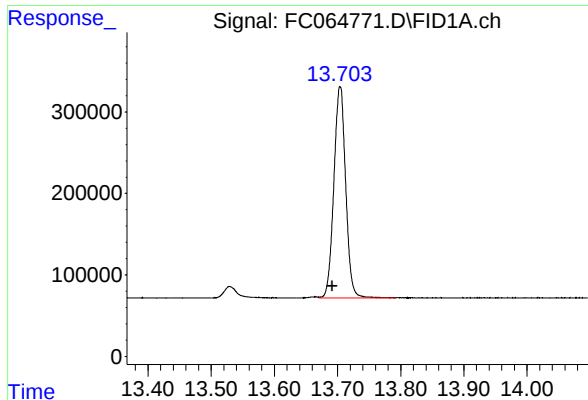
#11 n-Heneicosane (C21)

R.T.: 13.121 min  
Delta R.T.: 0.013 min  
Response: 3420462  
Conc: 20.65 ug/ml



#12 1-chlorooctadecane (SURR)

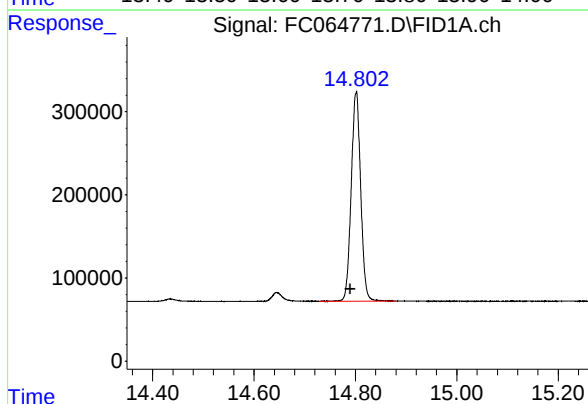
R.T.: 12.953 min  
Delta R.T.: 0.013 min  
Response: 3085044  
Conc: 21.18 ug/ml



#13 n-Docosane (C22)

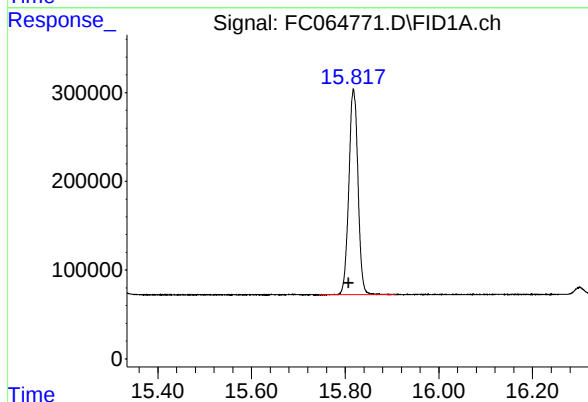
R.T.: 13.704 min  
Delta R.T.: 0.012 min  
Response: 3371630  
Conc: 20.70 ug/ml

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



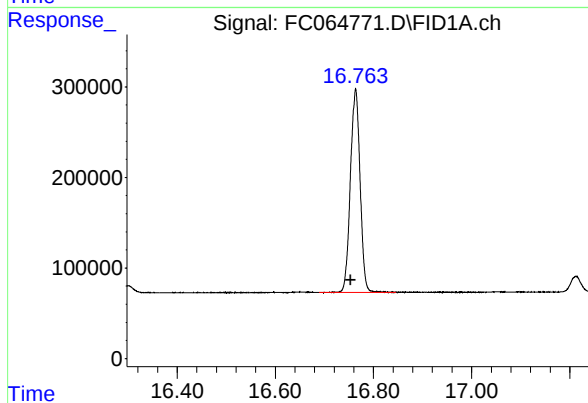
#14 n-Tetracosane (C24)

R.T.: 14.802 min  
Delta R.T.: 0.011 min  
Response: 3272810  
Conc: 20.61 ug/ml



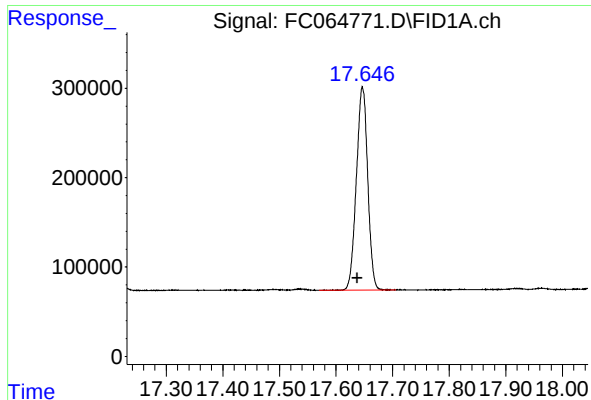
#15 n-Hexacosane (C26)

R.T.: 15.818 min  
Delta R.T.: 0.011 min  
Response: 3145341  
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

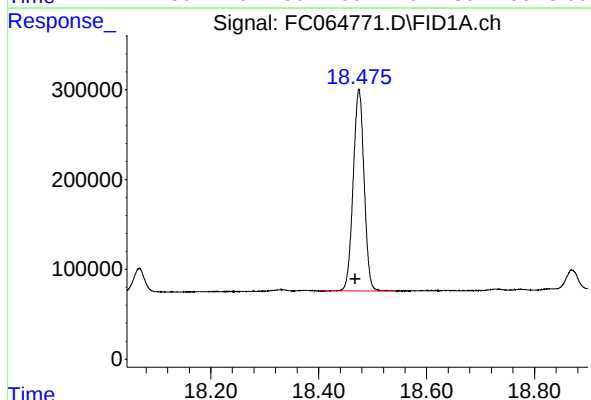
R.T.: 16.764 min  
Delta R.T.: 0.010 min  
Response: 3086592  
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

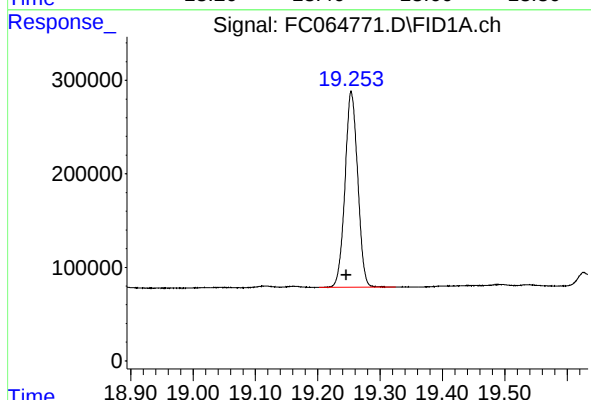
R.T.: 17.647 min  
Delta R.T.: 0.010 min  
Response: 3171547  
Conc: 21.35 ug/ml

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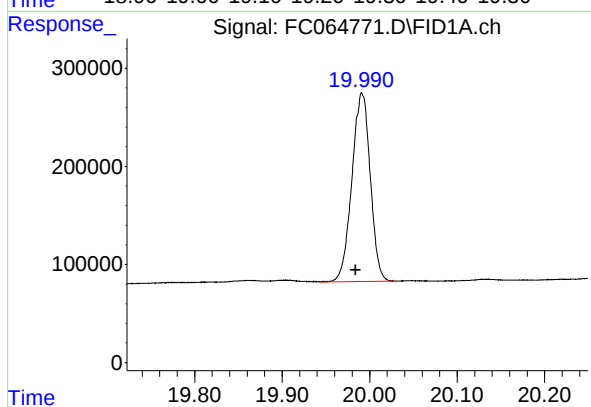
#18 n-Dotriacontane (C32)

R.T.: 18.475 min  
Delta R.T.: 0.007 min  
Response: 3162311  
Conc: 21.67 ug/ml



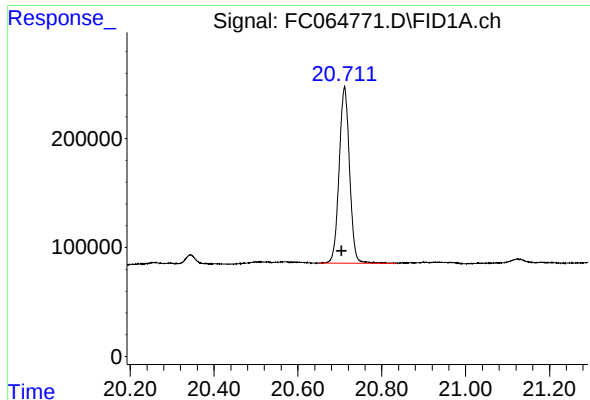
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min  
Delta R.T.: 0.008 min  
Response: 2962610  
Conc: 20.84 ug/ml



#20 n-Hexatriacontane (C36)

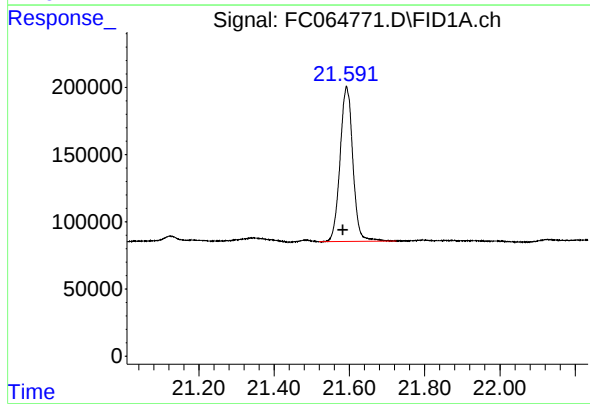
R.T.: 19.991 min  
Delta R.T.: 0.008 min  
Response: 2802236  
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min  
Delta R.T.: 0.006 min  
Response: 2786221  
Conc: 20.33 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.593 min  
Delta R.T.: 0.009 min  
Response: 2719938  
Conc: 20.00 ug/ml