

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051724AL\  
 Data File : FC066413.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 May 2024 14:18  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: May 18 02:17:22 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050124.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:03:15 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)    | 11.556 | 3338018    | 20.190 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.38%       |
| 12) S 1-chlorooctadecane (S... | 12.996 | 2479631    | 20.216 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.43%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.313  | 3123403    | 20.681 ug/ml |
| 2) T n-Decane (C10)            | 4.380  | 3175640    | 20.650 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.963  | 3492918    | 20.559 ug/ml |
| 4) T n-Dodecane (C12)          | 6.401  | 3155884    | 20.535 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.020  | 3363318    | 20.407 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.198  | 3073142    | 20.306 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.799  | 3113235    | 20.360 ug/ml |
| 8) T n-Octadecane (C18)        | 11.242 | 3097032    | 20.403 ug/ml |
| 10) T n-Eicosane (C20)         | 12.552 | 2939217    | 20.432 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.164 | 2874863    | 20.452 ug/ml |
| 13) T n-Docosane (C22)         | 13.751 | 2850794    | 20.362 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.854 | 2807106    | 19.940 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.874 | 2733822    | 19.986 ug/ml |
| 16) T n-Octacosane (C28)       | 16.824 | 2667934    | 19.922 ug/ml |
| 17) T n-Tricontane (C30)       | 17.711 | 2684489    | 19.920 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.545 | 2620137    | 20.350 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.329 | 2518175    | 21.284 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.067 | 2411631    | 20.981 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.802 | 2366135    | 21.983 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.711 | 2302731    | 21.474 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

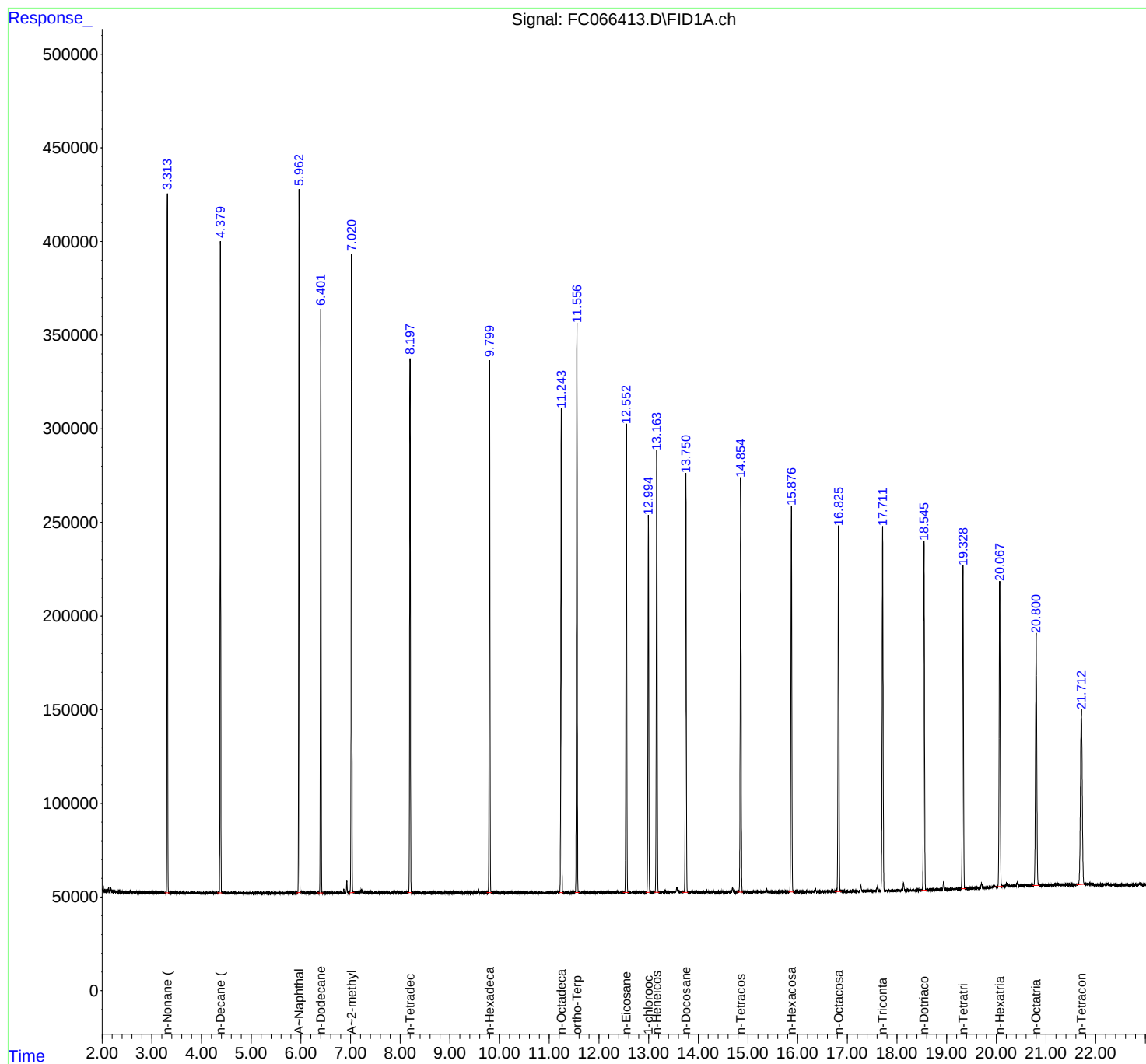
(m)=manual int.

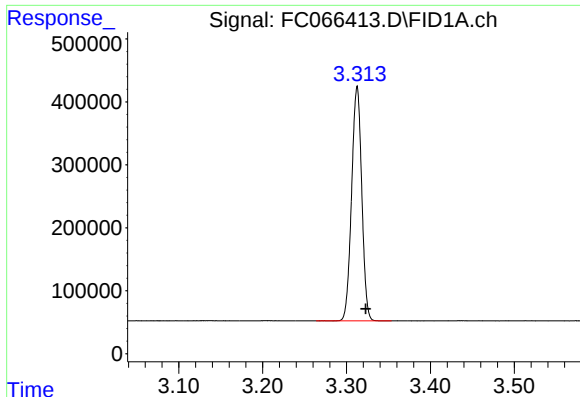
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051724AL\  
Data File : FC066413.D  
Signal(s) : FID1A.ch  
Acq On : 17 May 2024 14:18  
Operator : YP/AJ  
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Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050124.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:03:15 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

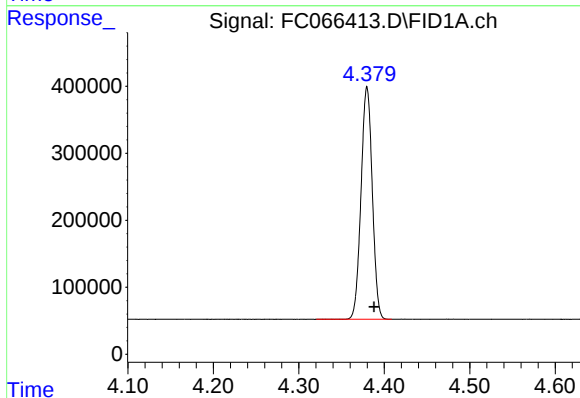




#1 n-Nonane (C9)

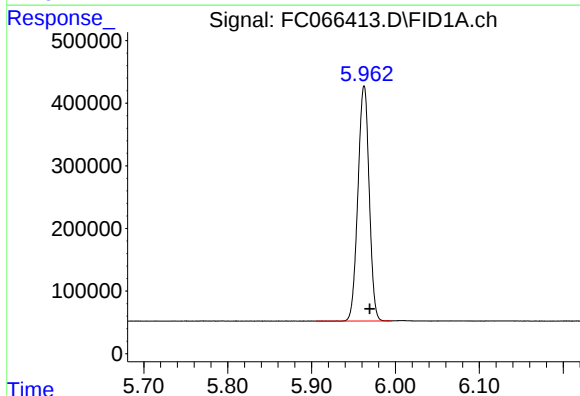
R.T.: 3.313 min  
Delta R.T.: -0.010 min  
Response: 3123403  
Conc: 20.68 ug/ml

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



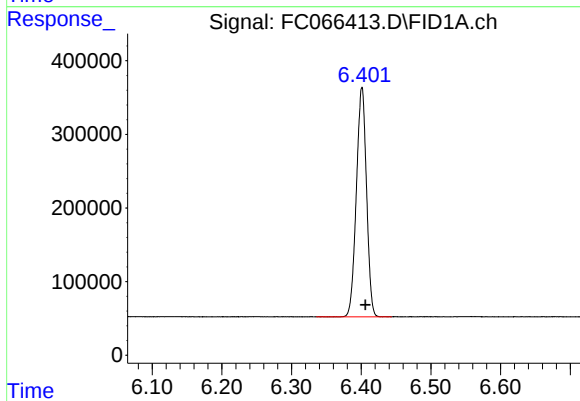
#2 n-Decane (C10)

R.T.: 4.380 min  
Delta R.T.: -0.008 min  
Response: 3175640  
Conc: 20.65 ug/ml



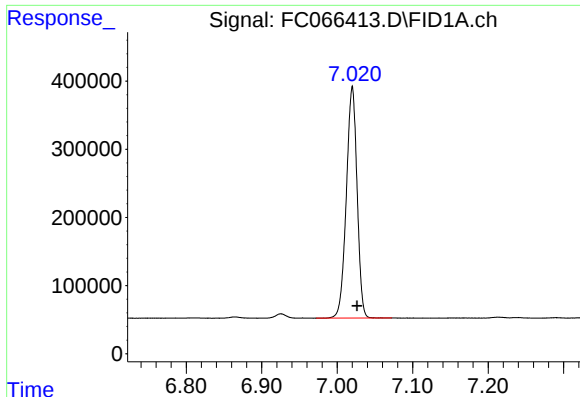
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min  
Delta R.T.: -0.007 min  
Response: 3492918  
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

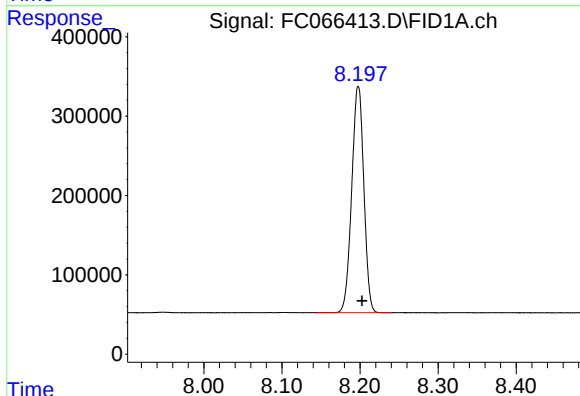
R.T.: 6.401 min  
Delta R.T.: -0.005 min  
Response: 3155884  
Conc: 20.54 ug/ml



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

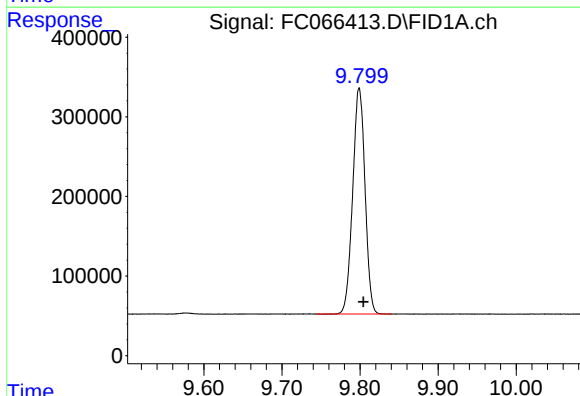
R.T.: 7.020 min  
Delta R.T.: -0.006 min  
Response: 3363318  
Conc: 20.41 ug/ml

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



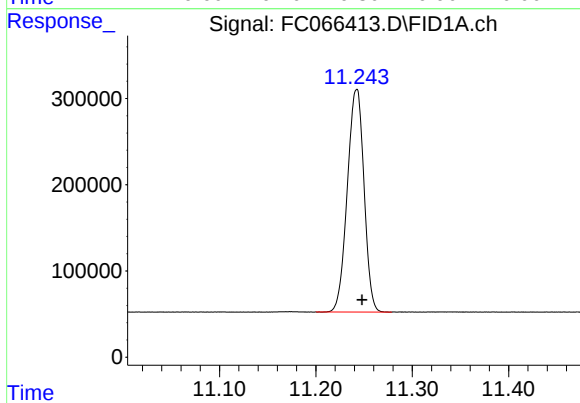
#6 n-Tetradecane (C14)

R.T.: 8.198 min  
Delta R.T.: -0.005 min  
Response: 3073142  
Conc: 20.31 ug/ml



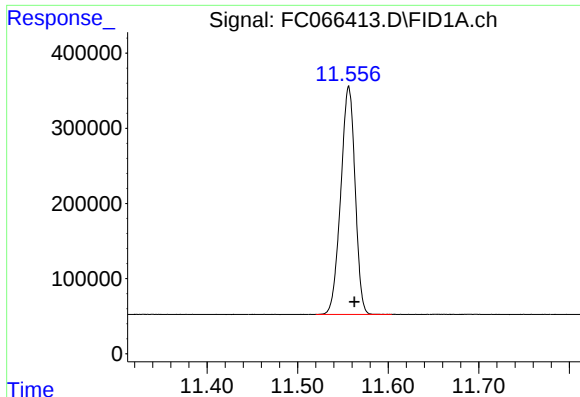
#7 n-Hexadecane (C16)

R.T.: 9.799 min  
Delta R.T.: -0.005 min  
Response: 3113235  
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

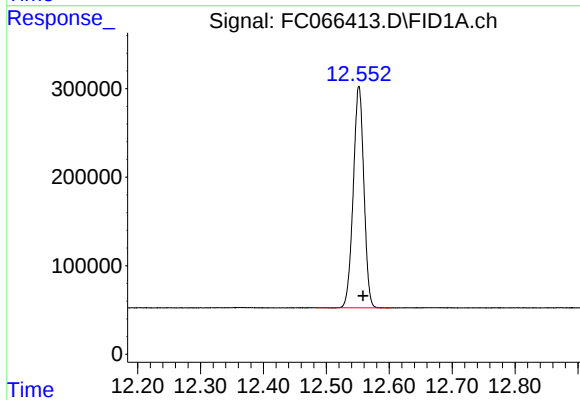
R.T.: 11.242 min  
Delta R.T.: -0.006 min  
Response: 3097032  
Conc: 20.40 ug/ml



#9 ortho-Terphenyl (SURR)

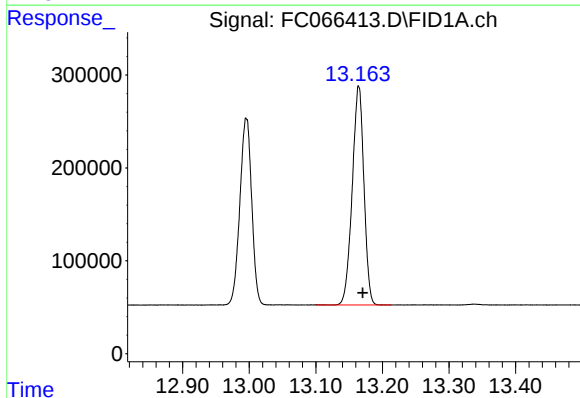
R.T.: 11.556 min  
Delta R.T.: -0.006 min  
Response: 3338018  
Conc: 20.19 ug/ml

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



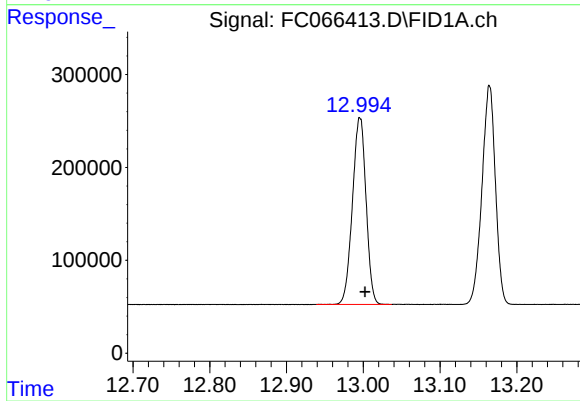
#10 n-Eicosane (C20)

R.T.: 12.552 min  
Delta R.T.: -0.006 min  
Response: 2939217  
Conc: 20.43 ug/ml



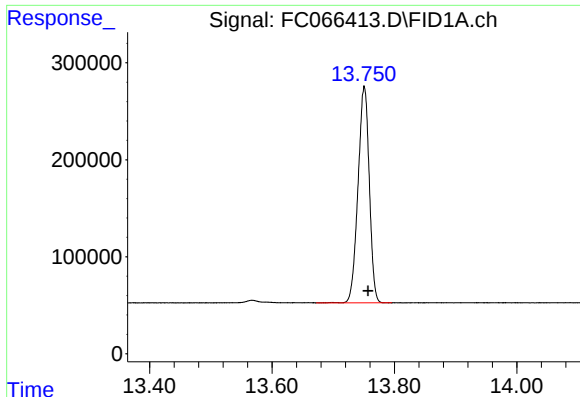
#11 n-Heneicosane (C21)

R.T.: 13.164 min  
Delta R.T.: -0.006 min  
Response: 2874863  
Conc: 20.45 ug/ml



#12 1-chlorooctadecane (SURR)

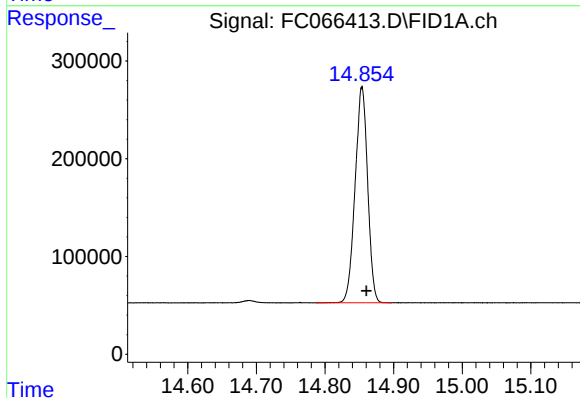
R.T.: 12.996 min  
Delta R.T.: -0.007 min  
Response: 2479631  
Conc: 20.22 ug/ml



#13 n-Docosane (C22)

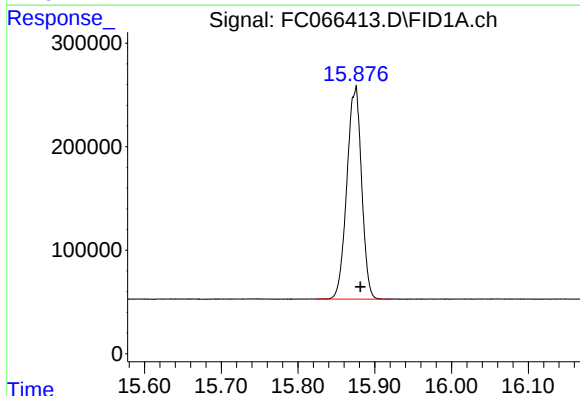
R.T.: 13.751 min  
Delta R.T.: -0.006 min  
Response: 2850794  
Conc: 20.36 ug/ml

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



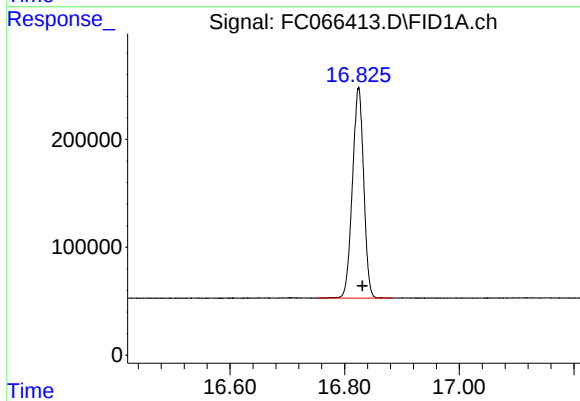
#14 n-Tetracosane (C24)

R.T.: 14.854 min  
Delta R.T.: -0.006 min  
Response: 2807106  
Conc: 19.94 ug/ml



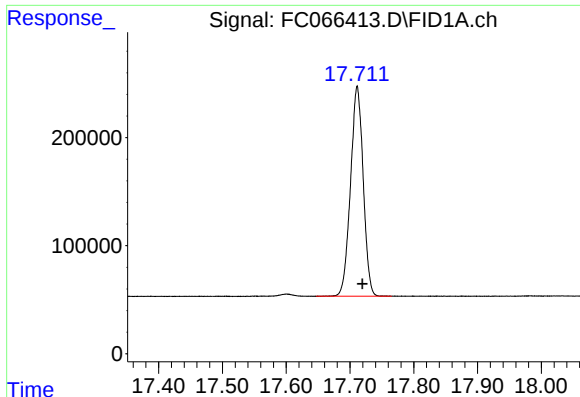
#15 n-Hexacosane (C26)

R.T.: 15.874 min  
Delta R.T.: -0.007 min  
Response: 2733822  
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

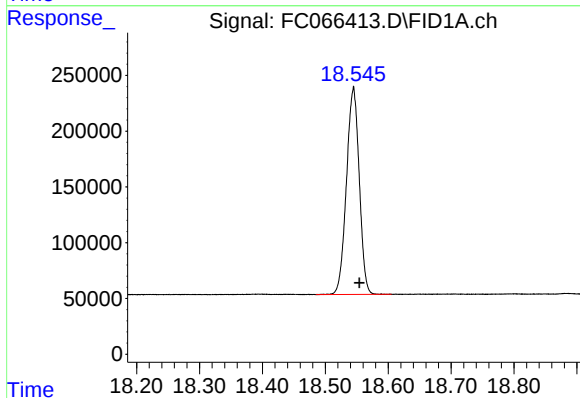
R.T.: 16.824 min  
Delta R.T.: -0.007 min  
Response: 2667934  
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

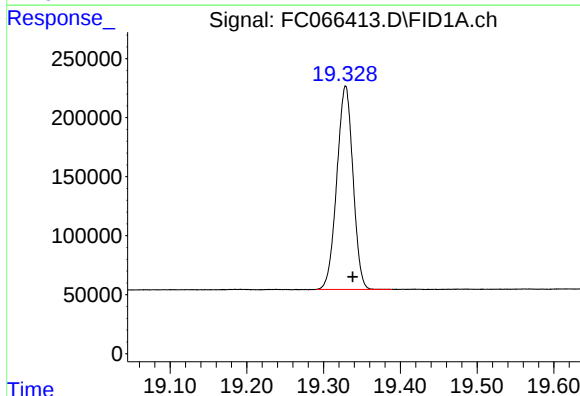
R.T.: 17.711 min  
Delta R.T.: -0.008 min  
Response: 2684489  
Conc: 19.92 ug/ml

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



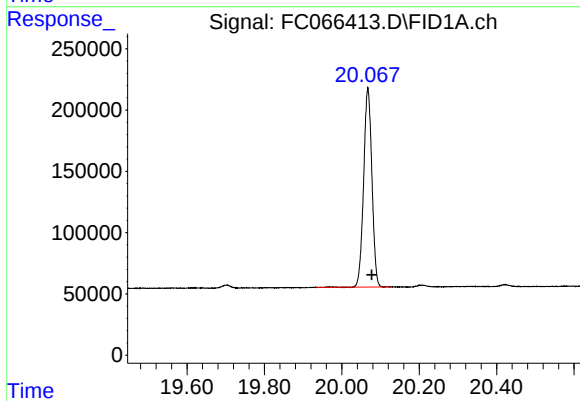
#18 n-Dotriacontane (C32)

R.T.: 18.545 min  
Delta R.T.: -0.009 min  
Response: 2620137  
Conc: 20.35 ug/ml



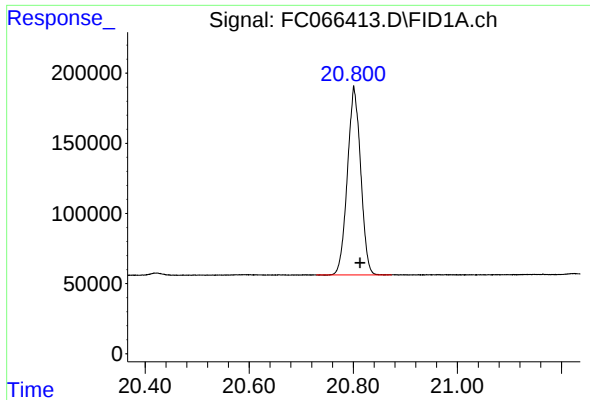
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min  
Delta R.T.: -0.009 min  
Response: 2518175  
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

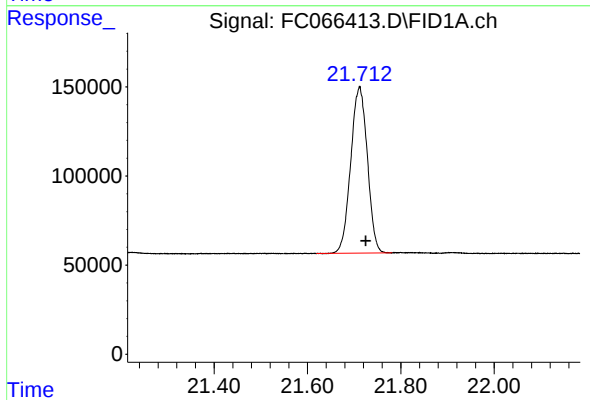
R.T.: 20.067 min  
Delta R.T.: -0.010 min  
Response: 2411631  
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min  
Delta R.T.: -0.011 min  
Response: 2366135  
Conc: 21.98 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.711 min  
Delta R.T.: -0.014 min  
Response: 2302731  
Conc: 21.47 ug/ml