

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051024AL\  
 Data File : FC066382.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 May 2024 18:24  
 Operator : YP/AJ  
 Sample : PB160845BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB160845BS

Integration File: autoint1.e  
 Quant Time: May 11 00:55:20 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.000 | 4118292    | 33.575 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 67.15%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.315  | 3614389    | 23.932 ug/ml |
| 2) T n-Decane (C10)            | 4.384  | 4873935    | 31.693 ug/ml |
| 4) T n-Dodecane (C12)          | 6.405  | 6173119    | 40.168 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.203  | 6663217    | 44.029 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.805  | 6855194    | 44.832 ug/ml |
| 8) T n-Octadecane (C18)        | 11.248 | 7019144    | 46.242 ug/ml |
| 10) T n-Eicosane (C20)         | 12.558 | 6979887    | 48.520 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.170 | 6745039    | 47.985 ug/ml |
| 13) T n-Docosane (C22)         | 13.757 | 6655028    | 47.534 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.860 | 6477620    | 46.013 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.881 | 6293572    | 46.011 ug/ml |
| 16) T n-Octacosane (C28)       | 16.832 | 6158065    | 45.983 ug/ml |
| 17) T n-Tricontane (C30)       | 17.720 | 6090536    | 45.195 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.553 | 5911383    | 45.911 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.337 | 5784752    | 48.893 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.078 | 5530463    | 48.114 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.814 | 5434463    | 50.490 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.726 | 5241536    | 48.880 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

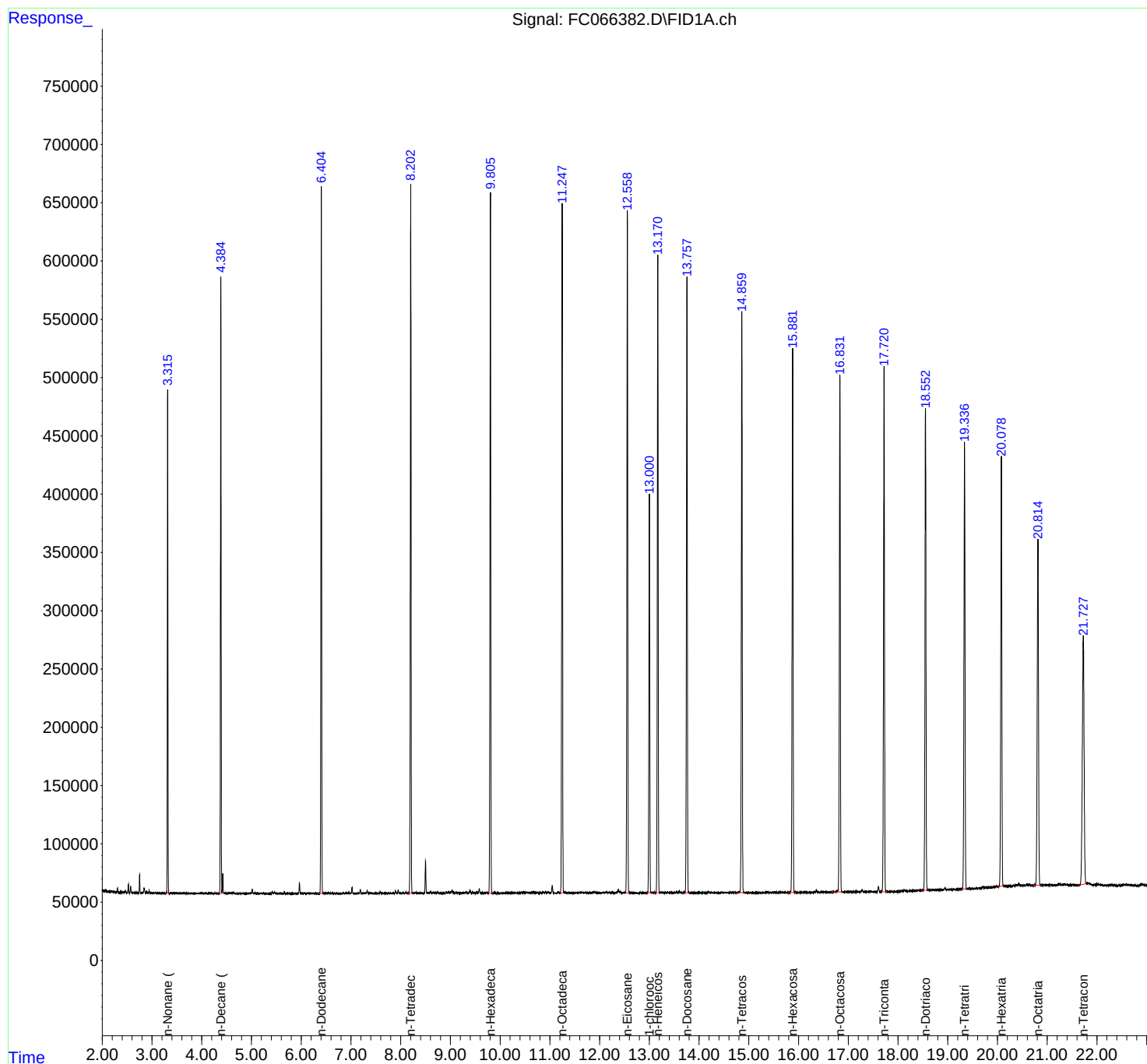
(m)=manual int.

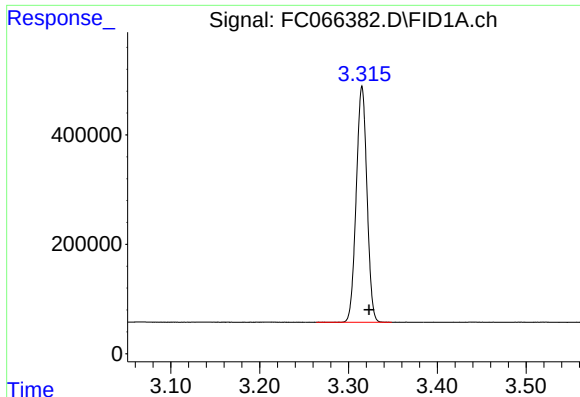
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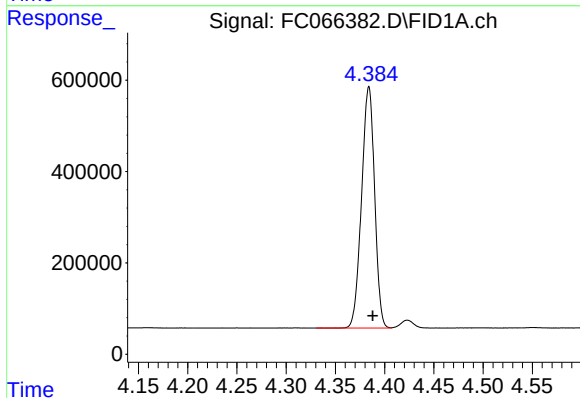




#1 n-Nonane (C9)

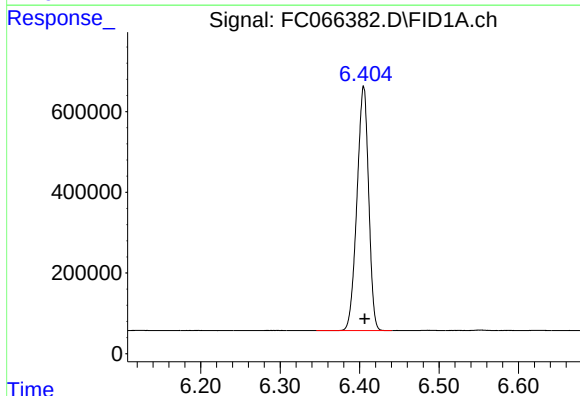
R.T.: 3.315 min  
Delta R.T.: -0.008 min  
Response: 3614389  
Conc: 23.93 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB160845BS



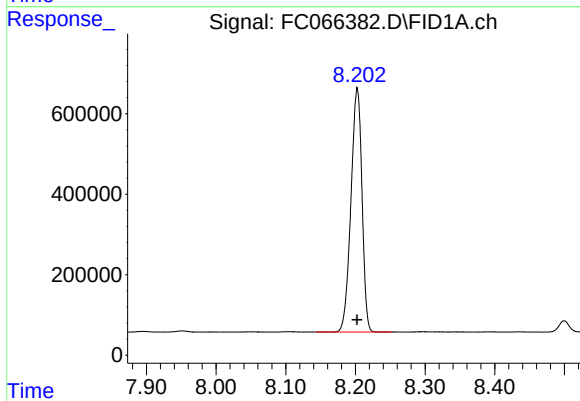
#2 n-Decane (C10)

R.T.: 4.384 min  
Delta R.T.: -0.004 min  
Response: 4873935  
Conc: 31.69 ug/ml



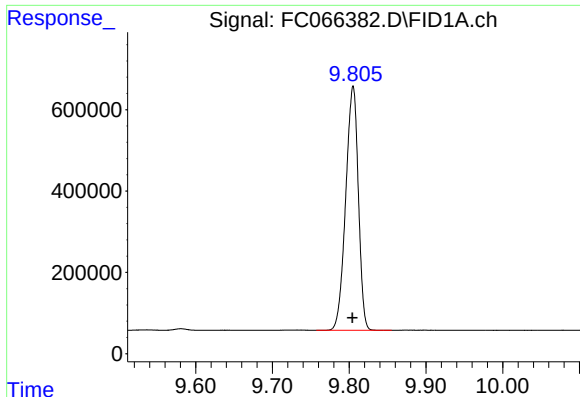
#4 n-Dodecane (C12)

R.T.: 6.405 min  
Delta R.T.: -0.001 min  
Response: 6173119  
Conc: 40.17 ug/ml



#6 n-Tetradecane (C14)

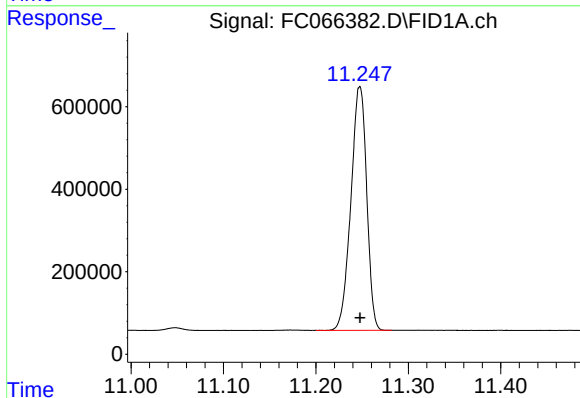
R.T.: 8.203 min  
Delta R.T.: 0.000 min  
Response: 6663217  
Conc: 44.03 ug/ml



#7 n-Hexadecane (C16)

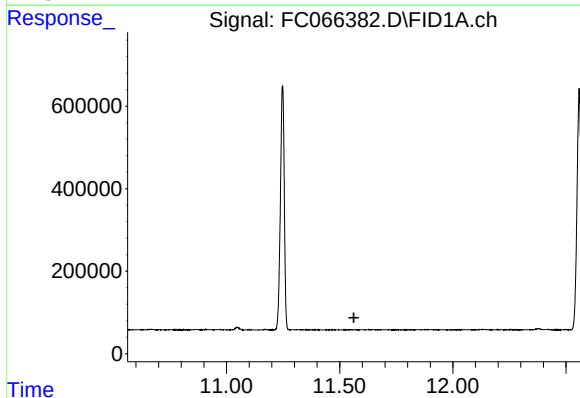
R.T.: 9.805 min  
Delta R.T.: 0.000 min  
Response: 6855194  
Conc: 44.83 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB160845BS



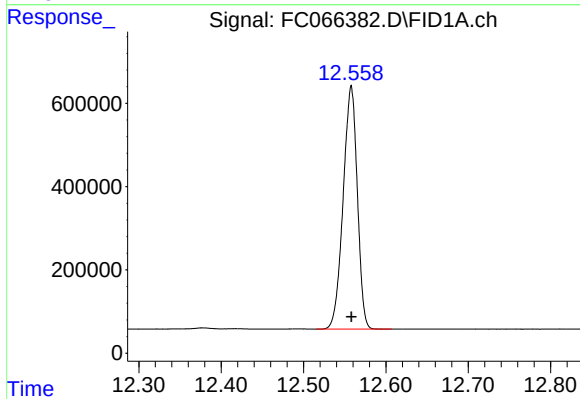
#8 n-Octadecane (C18)

R.T.: 11.248 min  
Delta R.T.: 0.000 min  
Response: 7019144  
Conc: 46.24 ug/ml



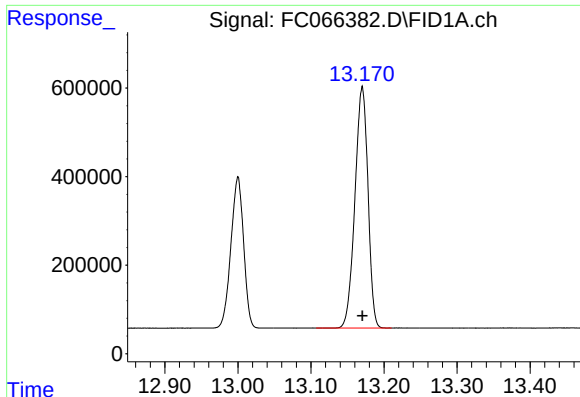
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.563 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

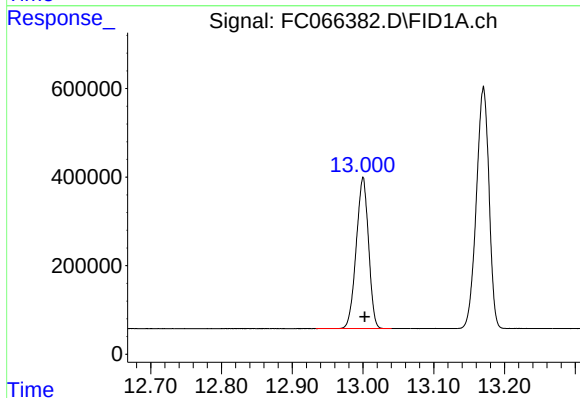
R.T.: 12.558 min  
Delta R.T.: 0.000 min  
Response: 6979887  
Conc: 48.52 ug/ml



#11 n-Heneicosane (C21)

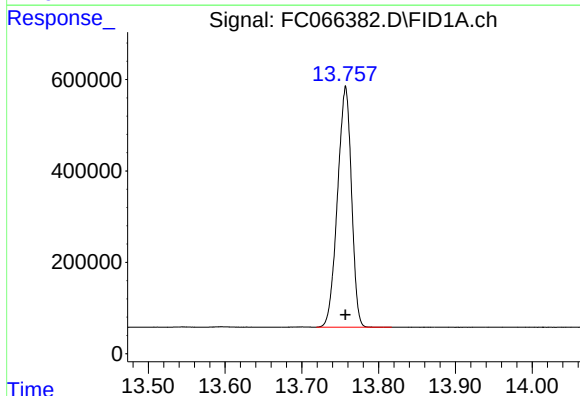
R.T.: 13.170 min  
Delta R.T.: 0.000 min  
Response: 6745039  
Conc: 47.98 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB160845BS



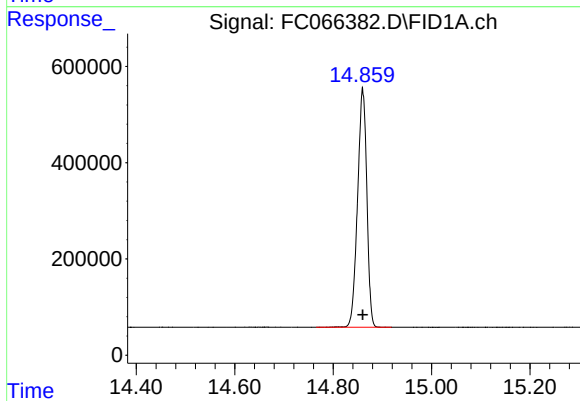
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min  
Delta R.T.: -0.002 min  
Response: 4118292  
Conc: 33.57 ug/ml



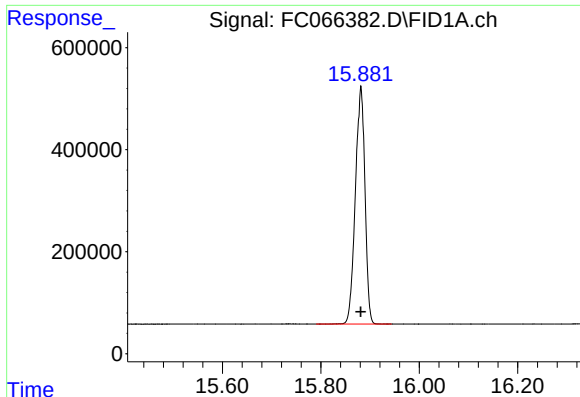
#13 n-Docosane (C22)

R.T.: 13.757 min  
Delta R.T.: 0.000 min  
Response: 6655028  
Conc: 47.53 ug/ml



#14 n-Tetracosane (C24)

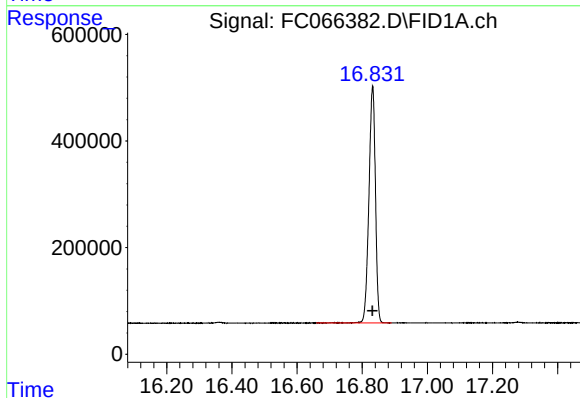
R.T.: 14.860 min  
Delta R.T.: 0.000 min  
Response: 6477620  
Conc: 46.01 ug/ml



#15 n-Hexacosane (C26)

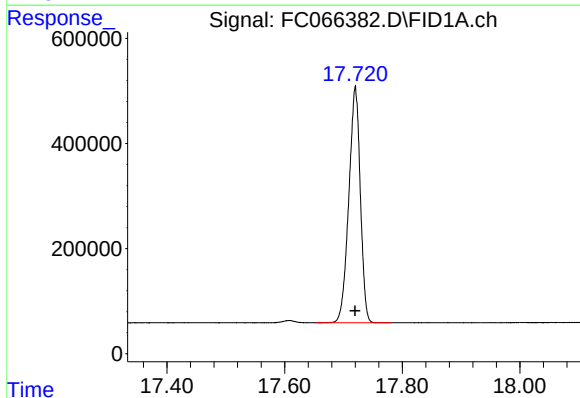
R.T.: 15.881 min  
Delta R.T.: 0.000 min  
Response: 6293572  
Conc: 46.01 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB160845BS



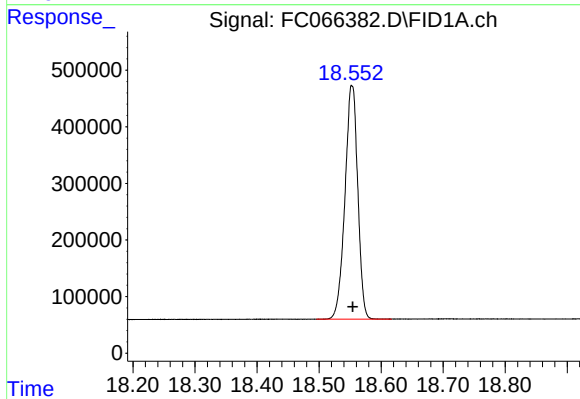
#16 n-Octacosane (C28)

R.T.: 16.832 min  
Delta R.T.: 0.000 min  
Response: 6158065  
Conc: 45.98 ug/ml



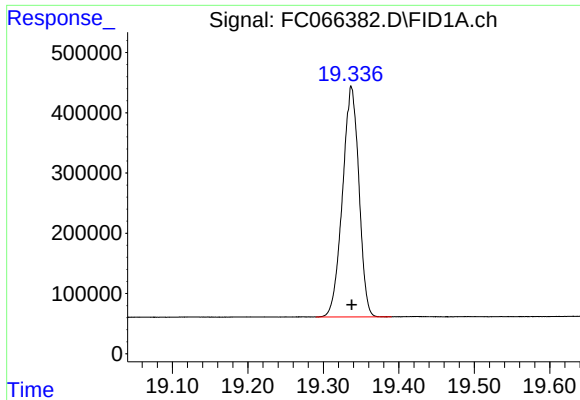
#17 n-Tricontane (C30)

R.T.: 17.720 min  
Delta R.T.: 0.000 min  
Response: 6090536  
Conc: 45.19 ug/ml



#18 n-Dotriacontane (C32)

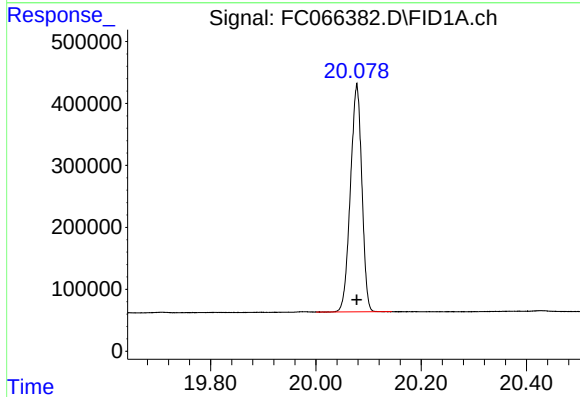
R.T.: 18.553 min  
Delta R.T.: -0.001 min  
Response: 5911383  
Conc: 45.91 ug/ml



#19 n-Tetratriacontane (C34)

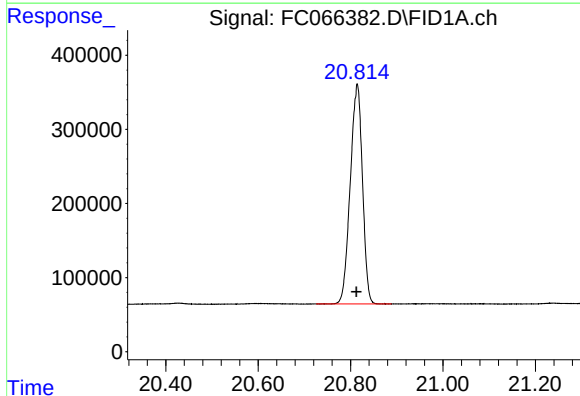
R.T.: 19.337 min  
Delta R.T.: 0.000 min  
Response: 5784752  
Conc: 48.89 ug/ml

Instrument :  
FID\_C  
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PB160845BS



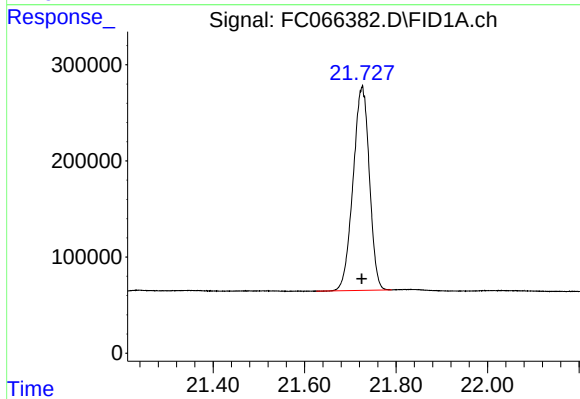
#20 n-Hexatriacontane (C36)

R.T.: 20.078 min  
Delta R.T.: 0.000 min  
Response: 5530463  
Conc: 48.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.814 min  
Delta R.T.: 0.002 min  
Response: 5434463  
Conc: 50.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.726 min  
Delta R.T.: 0.000 min  
Response: 5241536  
Conc: 48.88 ug/ml