

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051024AL\  
 Data File : FE048107.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 May 2024 03:11  
 Operator : YP\AJ  
 Sample : P2403-08  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2024

Integration File: autoint1.e  
 Quant Time: May 11 06:31:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 03:29:12 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... | 13.396 | 5554782    | 49.711 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 99.42%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.347  | 462287     | 3.587 ug/ml  |
| 2) T n-Decane (C10)            | 4.595  | 559662     | 4.251 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.759  | 719616     | 5.398 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.588  | 650419     | 4.908 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.195 | 630922     | 4.587 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.638 | 688665     | 4.944 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.947 | 700557     | 5.203 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.558 | 666085     | 5.032 ug/ml  |
| 13) T n-Docosane (C22)         | 14.144 | 686290     | 5.179 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.247 | 708384     | 5.320 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.267 | 672746     | 5.041 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.216 | 658052     | 4.942 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.102 | 679831     | 4.926 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.934 | 772821     | 5.595 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.715 | 712103     | 5.228 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.456 | 647301     | 4.781 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.193 | 615232     | 4.456 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.115 | 722845     | 5.188 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

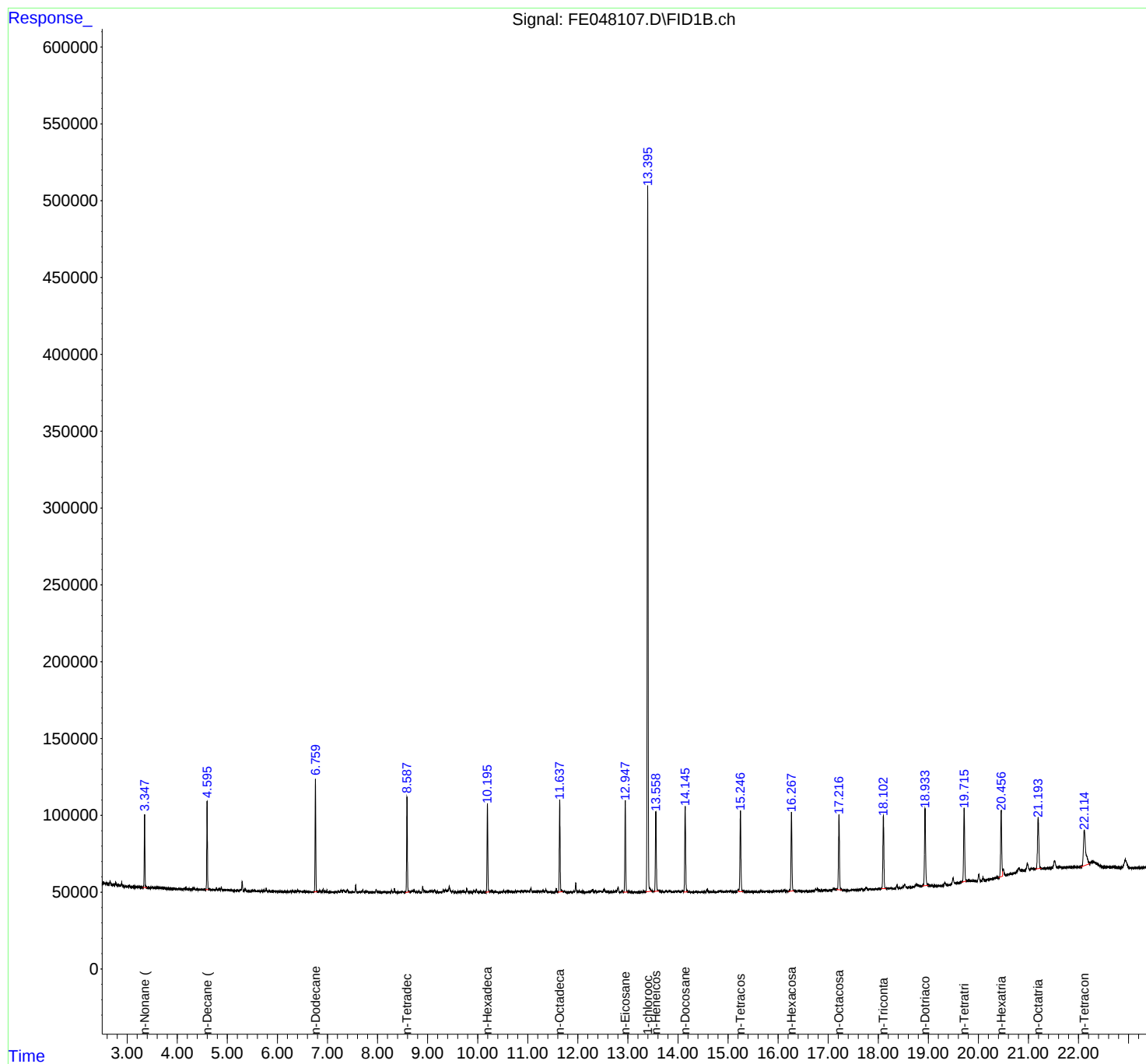
(m)=manual int.

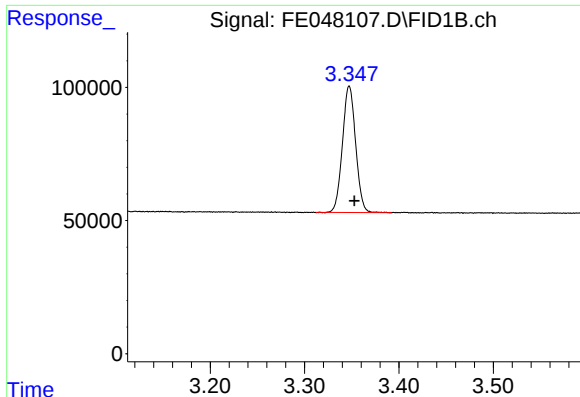
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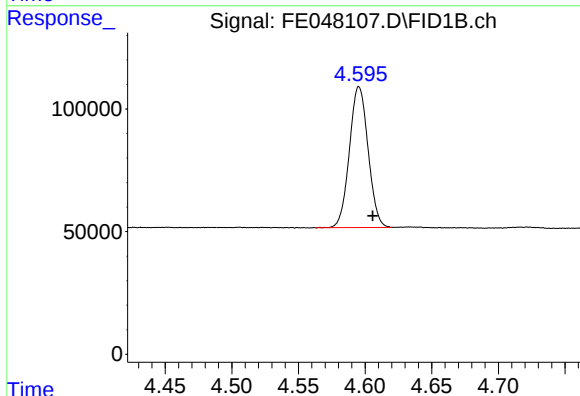




#1 n-Nonane (C9)

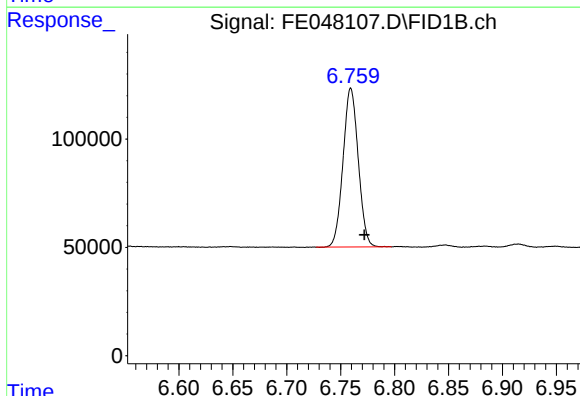
R.T.: 3.347 min  
Delta R.T.: -0.006 min  
Response: 462287  
Conc: 3.59 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
LOQ-WATER-02-QT2-2024



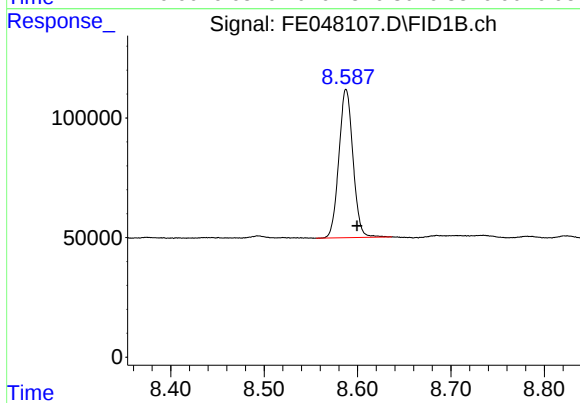
#2 n-Decane (C10)

R.T.: 4.595 min  
Delta R.T.: -0.010 min  
Response: 559662  
Conc: 4.25 ug/ml



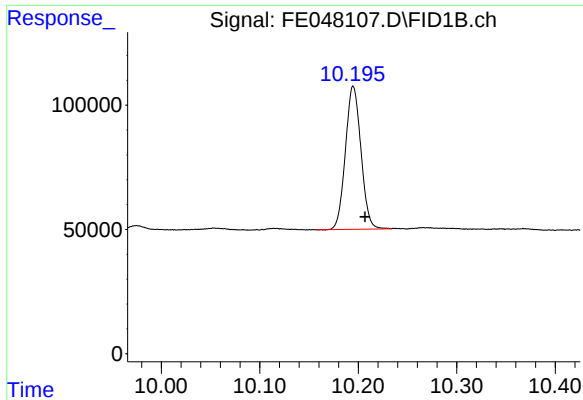
#4 n-Dodecane (C12)

R.T.: 6.759 min  
Delta R.T.: -0.013 min  
Response: 719616  
Conc: 5.40 ug/ml



#6 n-Tetradecane (C14)

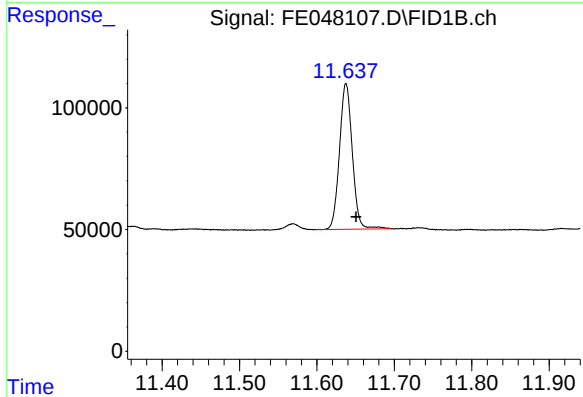
R.T.: 8.588 min  
Delta R.T.: -0.012 min  
Response: 650419  
Conc: 4.91 ug/ml



#7 n-Hexadecane (C16)

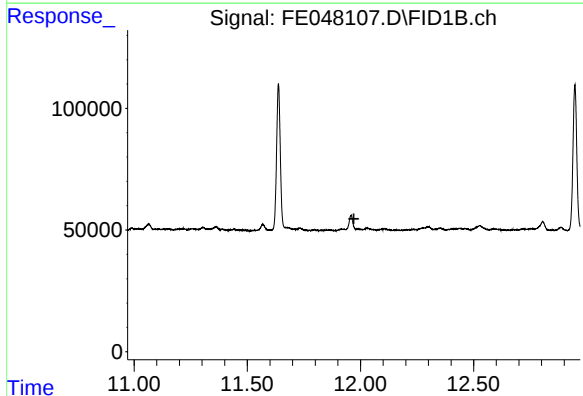
R.T.: 10.195 min  
Delta R.T.: -0.012 min  
Response: 630922  
Conc: 4.59 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
LOQ-WATER-02-QT2-2024



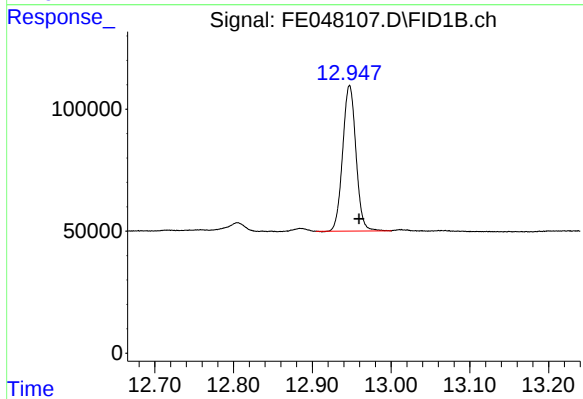
#8 n-Octadecane (C18)

R.T.: 11.638 min  
Delta R.T.: -0.013 min  
Response: 688665  
Conc: 4.94 ug/ml



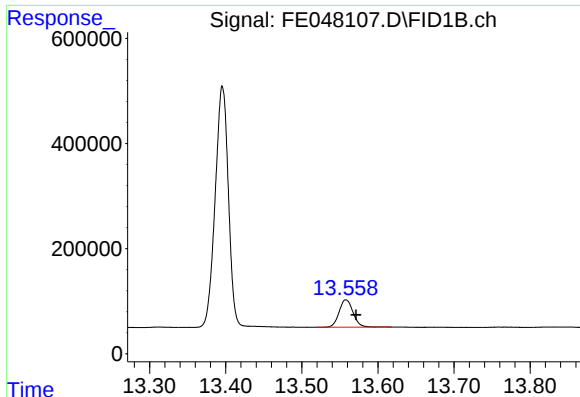
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.971 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

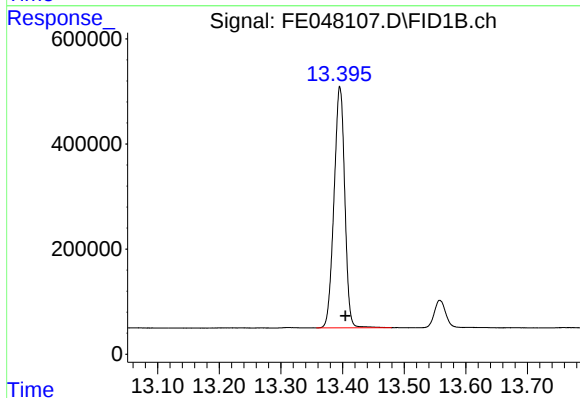
R.T.: 12.947 min  
Delta R.T.: -0.012 min  
Response: 700557  
Conc: 5.20 ug/ml



#11 n-Heneicosane (C21)

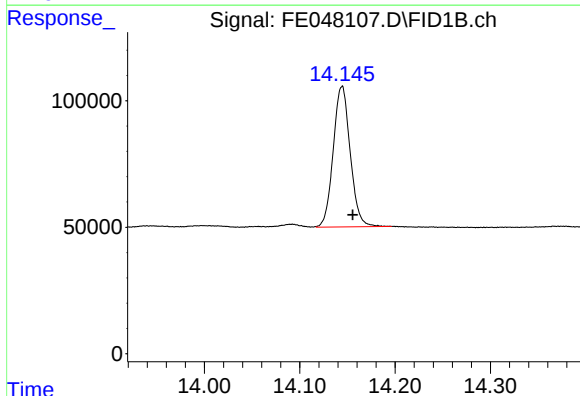
R.T.: 13.558 min  
Delta R.T.: -0.013 min  
Response: 666085  
Conc: 5.03 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
LOQ-WATER-02-QT2-2024



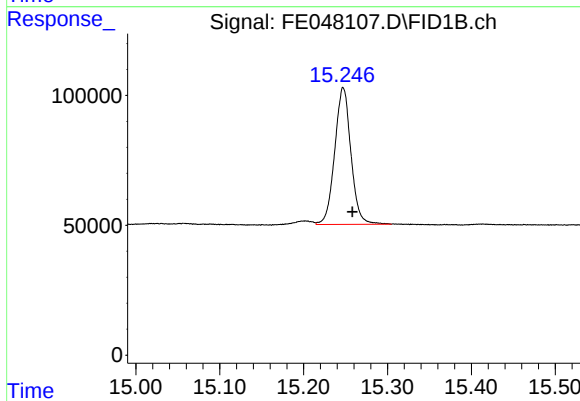
#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min  
Delta R.T.: -0.009 min  
Response: 5554782  
Conc: 49.71 ug/ml



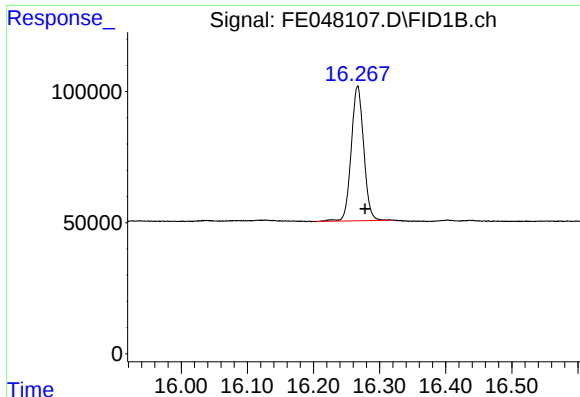
#13 n-Docosane (C22)

R.T.: 14.144 min  
Delta R.T.: -0.011 min  
Response: 686290  
Conc: 5.18 ug/ml



#14 n-Tetracosane (C24)

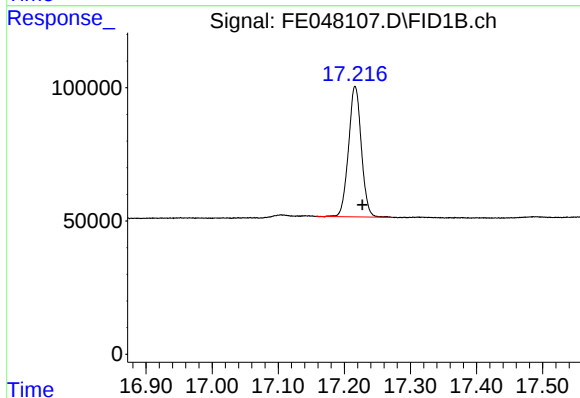
R.T.: 15.247 min  
Delta R.T.: -0.011 min  
Response: 708384  
Conc: 5.32 ug/ml



#15 n-Hexacosane (C26)

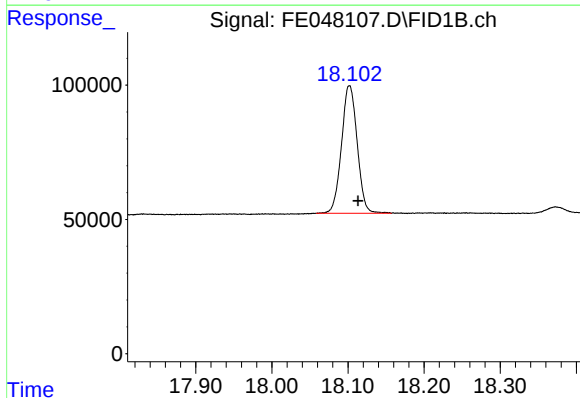
R.T.: 16.267 min  
Delta R.T.: -0.011 min  
Response: 672746  
Conc: 5.04 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
LOQ-WATER-02-QT2-2024



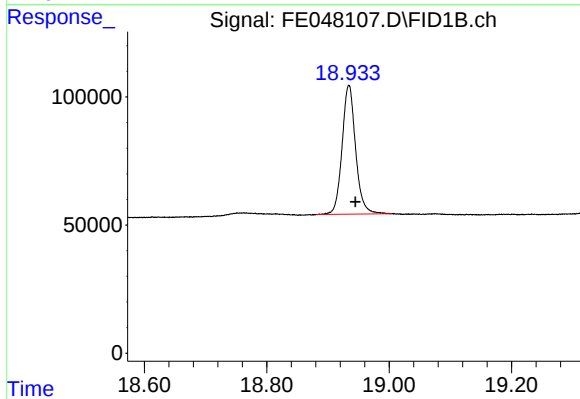
#16 n-Octacosane (C28)

R.T.: 17.216 min  
Delta R.T.: -0.011 min  
Response: 658052  
Conc: 4.94 ug/ml



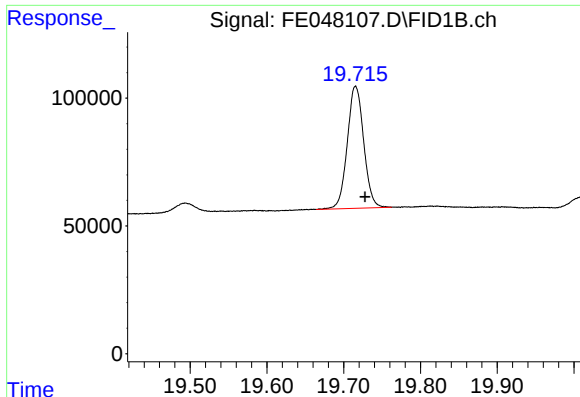
#17 n-Tricontane (C30)

R.T.: 18.102 min  
Delta R.T.: -0.012 min  
Response: 679831  
Conc: 4.93 ug/ml



#18 n-Dotriacontane (C32)

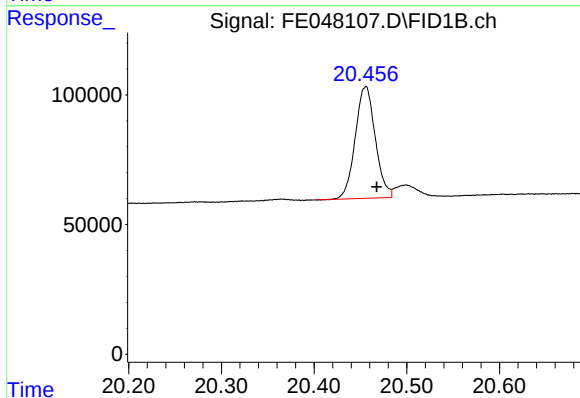
R.T.: 18.934 min  
Delta R.T.: -0.011 min  
Response: 772821  
Conc: 5.60 ug/ml



#19 n-Tetratriacontane (C34)

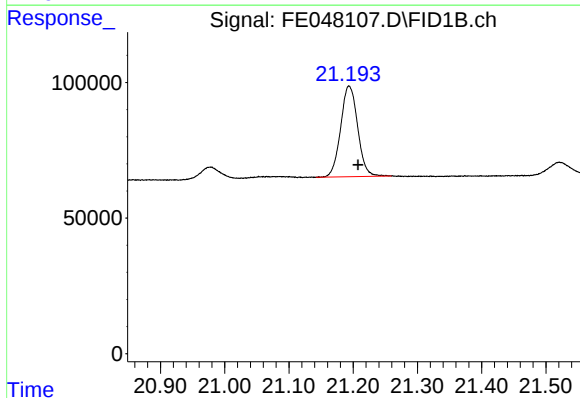
R.T.: 19.715 min  
Delta R.T.: -0.012 min  
Response: 712103  
Conc: 5.23 ug/ml

Instrument :  
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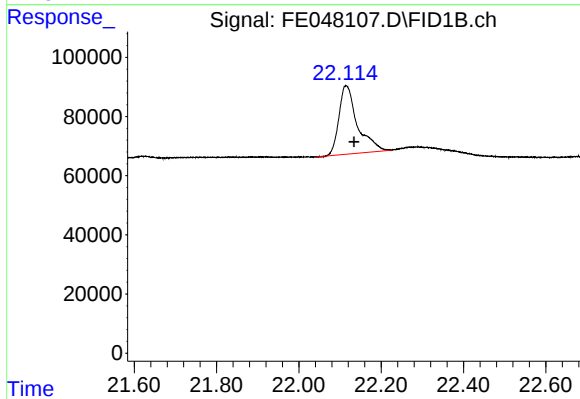
#20 n-Hexatriacontane (C36)

R.T.: 20.456 min  
Delta R.T.: -0.012 min  
Response: 647301  
Conc: 4.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min  
Delta R.T.: -0.014 min  
Response: 615232  
Conc: 4.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.115 min  
Delta R.T.: -0.019 min  
Response: 722845  
Conc: 5.19 ug/ml