

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080923AL\  
 Data File : FD046317.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Aug 2023 16:49  
 Operator : YP/AJ  
 Sample : 03572-07  
 Misc : LOD 4 PPM  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 10 00:00:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 20 14:31:50 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.829 | 6378972    | 53.014 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 106.03%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.221  | 495049     | 3.140 ug/ml  |
| 2) T n-Decane (C10)            | 4.276  | 481676     | 2.999 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.278  | 499551     | 3.091 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.062  | 508966     | 3.199 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.653  | 509101     | 3.129 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.085 | 543211     | 3.368 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.386 | 542723     | 3.636 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.993 | 552164     | 3.825 ug/ml  |
| 13) T n-Docosane (C22)         | 13.576 | 550598     | 3.941 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.670 | 555587     | 4.035 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.684 | 565547     | 4.424 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.626 | 558623     | 4.588 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.507 | 558314     | 4.511 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.331 | 543704     | 4.453 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.108 | 505006     | 3.947 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.842 | 468766     | 4.093 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.541 | 431666     | 3.834 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.357 | 401551     | 3.743 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

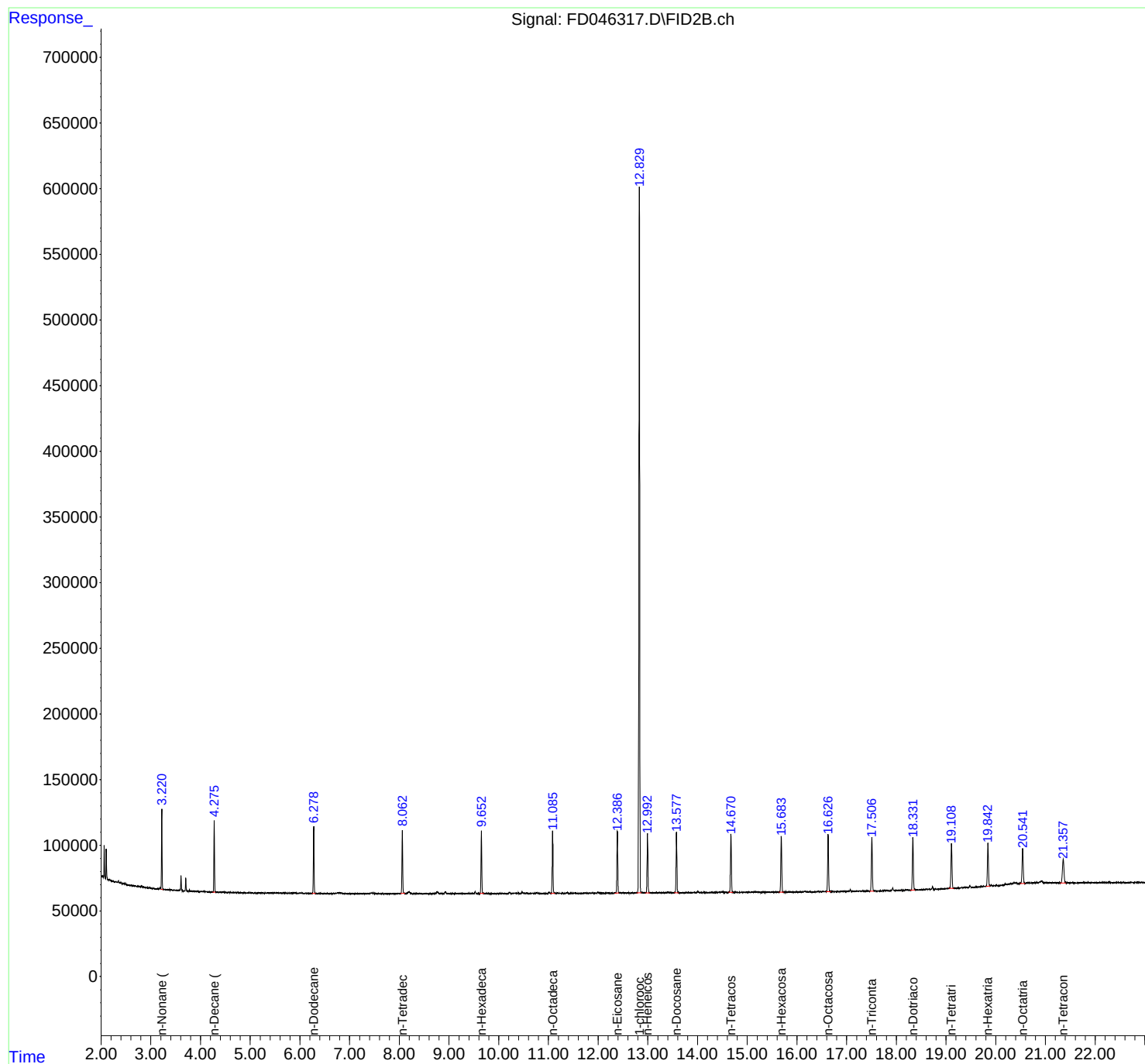
(m)=manual int.

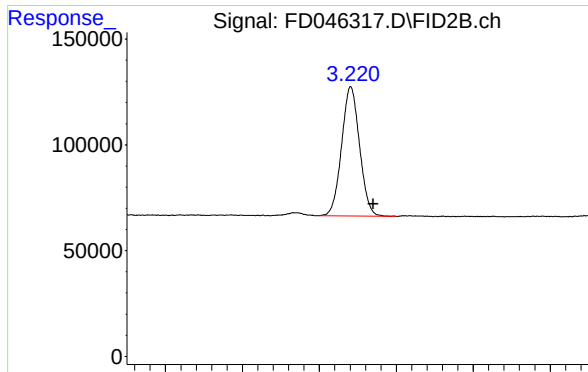
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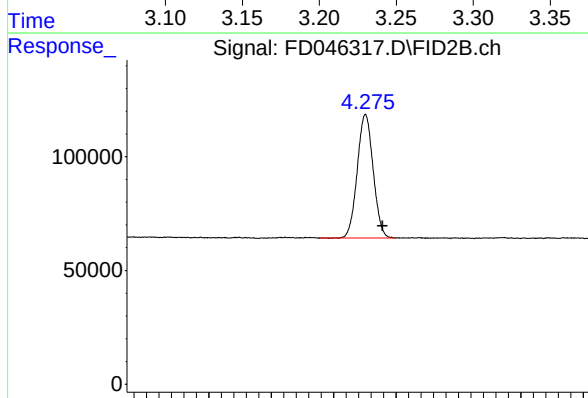




#1 n-Nonane (C9)

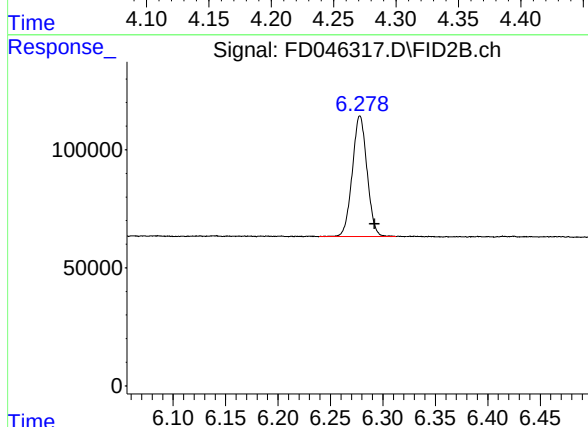
R.T.: 3.221 min  
Delta R.T.: -0.014 min  
Response: 495049  
Conc: 3.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



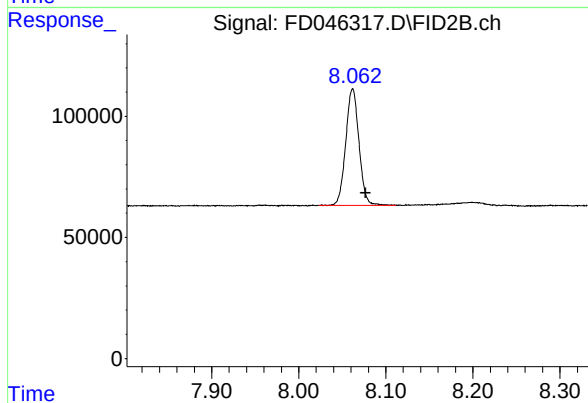
#2 n-Decane (C10)

R.T.: 4.276 min  
Delta R.T.: -0.014 min  
Response: 481676  
Conc: 3.00 ug/ml



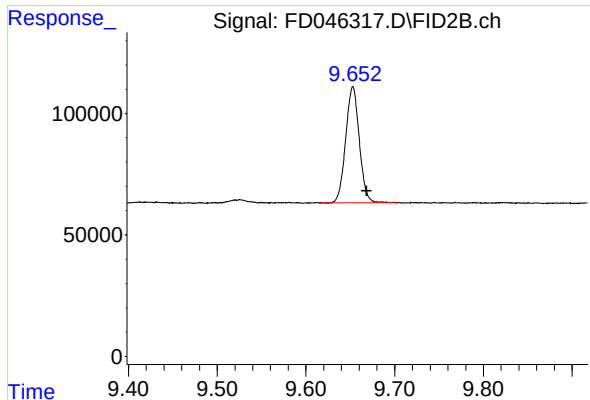
#4 n-Dodecane (C12)

R.T.: 6.278 min  
Delta R.T.: -0.014 min  
Response: 499551  
Conc: 3.09 ug/ml



#6 n-Tetradecane (C14)

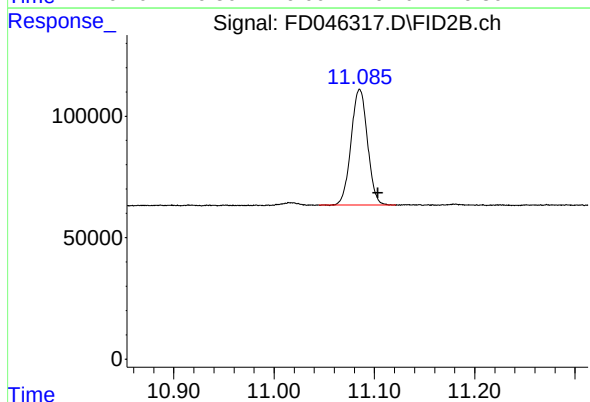
R.T.: 8.062 min  
Delta R.T.: -0.015 min  
Response: 508966  
Conc: 3.20 ug/ml



#7 n-Hexadecane (C16)

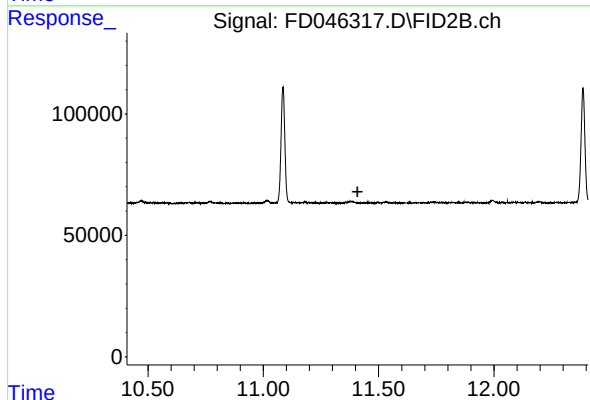
R.T.: 9.653 min  
Delta R.T.: -0.016 min  
Response: 509101  
Conc: 3.13 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



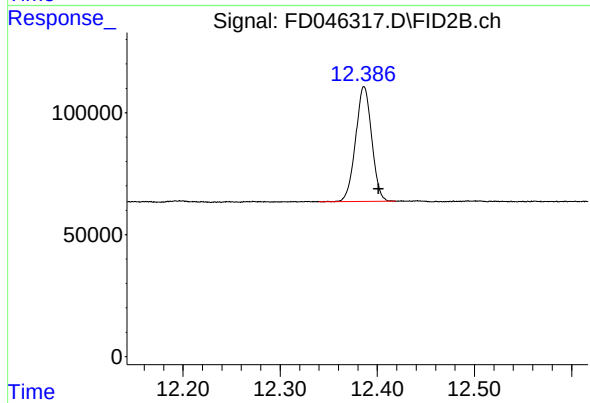
#8 n-Octadecane (C18)

R.T.: 11.085 min  
Delta R.T.: -0.018 min  
Response: 543211  
Conc: 3.37 ug/ml



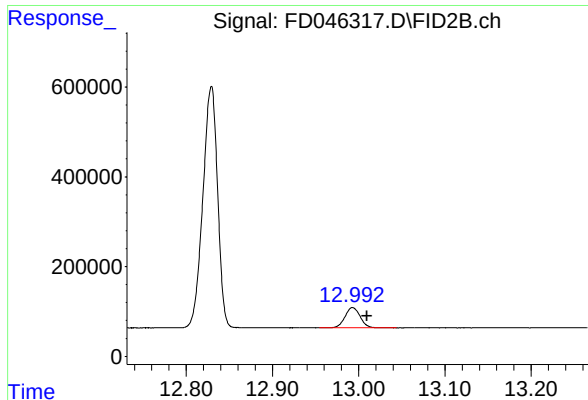
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 11.409 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

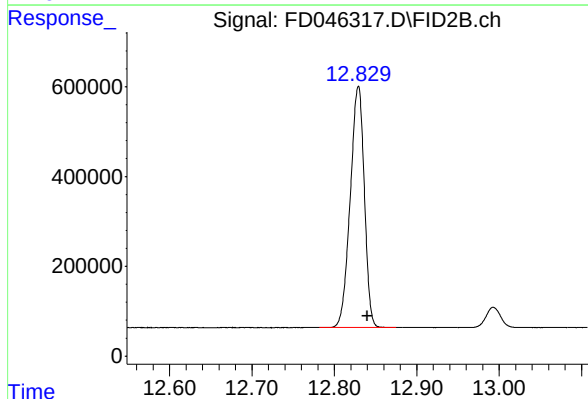
R.T.: 12.386 min  
Delta R.T.: -0.015 min  
Response: 542723  
Conc: 3.64 ug/ml



#11 n-Heneicosane (C21)

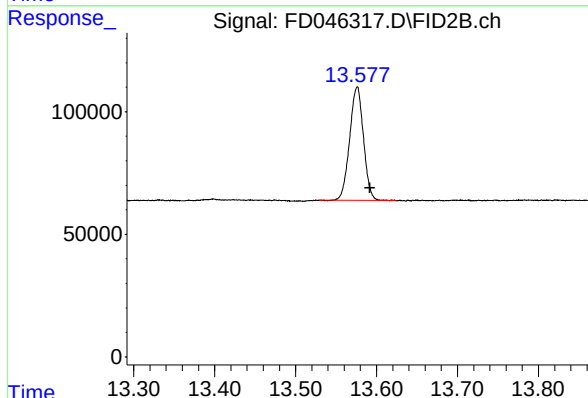
R.T.: 12.993 min  
Delta R.T.: -0.017 min  
Response: 552164  
Conc: 3.83 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



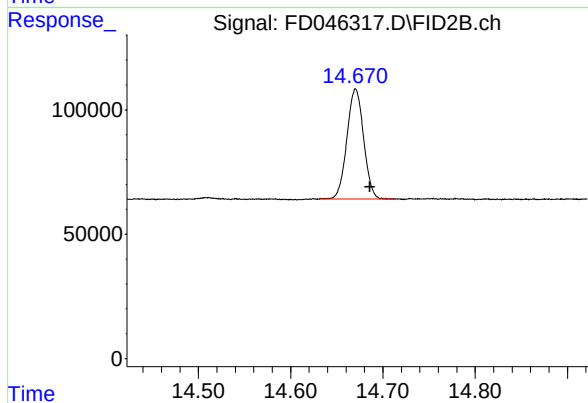
#12 1-chlorooctadecane (SURR)

R.T.: 12.829 min  
Delta R.T.: -0.011 min  
Response: 6378972  
Conc: 53.01 ug/ml



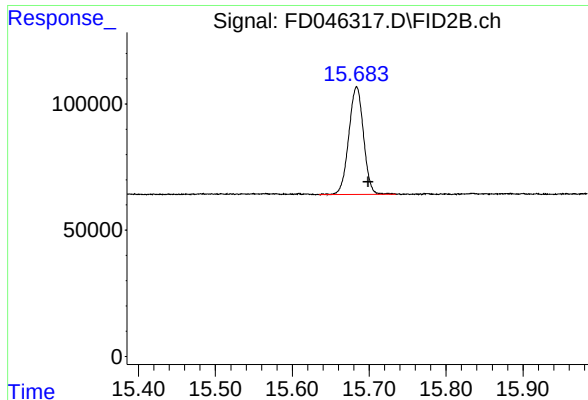
#13 n-Docosane (C22)

R.T.: 13.576 min  
Delta R.T.: -0.016 min  
Response: 550598  
Conc: 3.94 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.670 min  
Delta R.T.: -0.015 min  
Response: 555587  
Conc: 4.03 ug/ml



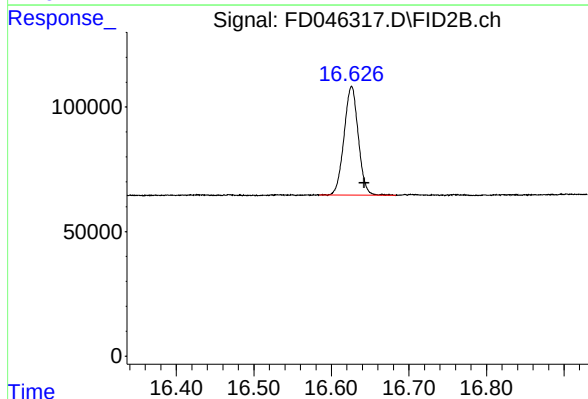
#15 n-Hexacosane (C26)

R.T.: 15.684 min  
Delta R.T.: -0.015 min  
Response: 565547  
Conc: 4.42 ug/ml

Instrument :

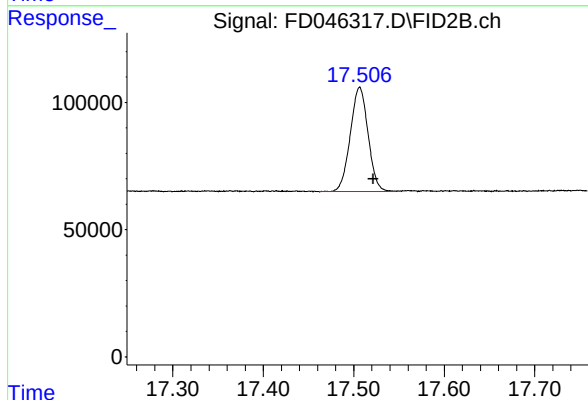
FID\_D

ClientSampleId :



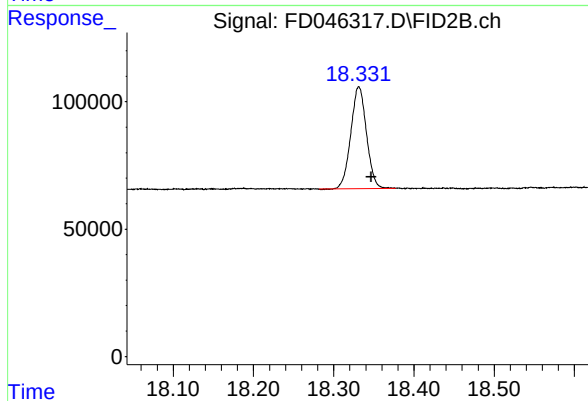
#16 n-Octacosane (C28)

R.T.: 16.626 min  
Delta R.T.: -0.016 min  
Response: 558623  
Conc: 4.59 ug/ml



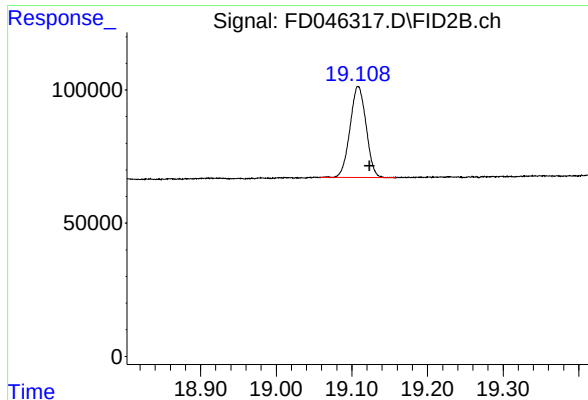
#17 n-Tricontane (C30)

R.T.: 17.507 min  
Delta R.T.: -0.015 min  
Response: 558314  
Conc: 4.51 ug/ml



#18 n-Dotriacontane (C32)

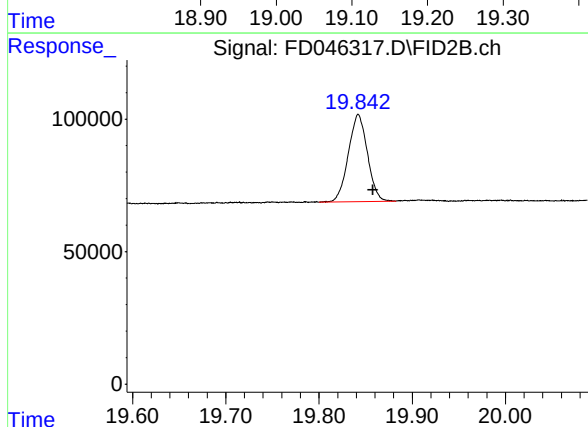
R.T.: 18.331 min  
Delta R.T.: -0.016 min  
Response: 543704  
Conc: 4.45 ug/ml



#19 n-Tetratriacontane (C34)

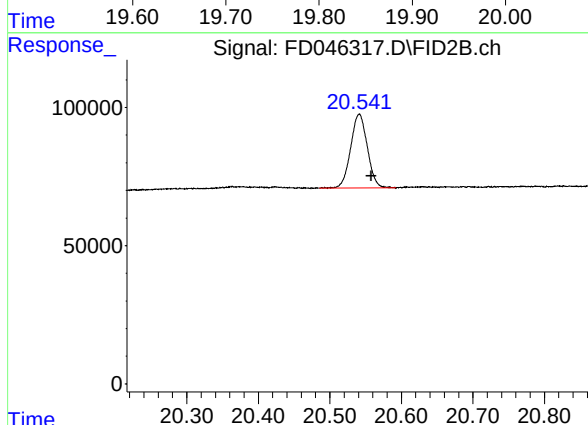
R.T.: 19.108 min  
Delta R.T.: -0.015 min  
Response: 505006  
Conc: 3.95 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



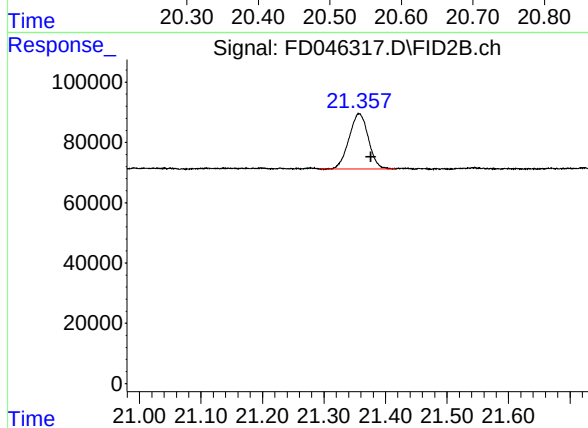
#20 n-Hexatriacontane (C36)

R.T.: 19.842 min  
Delta R.T.: -0.016 min  
Response: 468766  
Conc: 4.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.541 min  
Delta R.T.: -0.017 min  
Response: 431666  
Conc: 3.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.357 min  
Delta R.T.: -0.019 min  
Response: 401551  
Conc: 3.74 ug/ml