

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF080524AL\  
 Data File : FF014392.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Aug 2024 14:21  
 Operator : YP\AJ  
 Sample : P3390-07  
 Misc : 4 PPM WATER LOD  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 06 06:25:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 072924.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 30 05:51:52 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... | 13.257 | 2599407    | 27.803 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 55.61%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.218  | 280019     | 2.167 ug/ml  |
| 2) T n-Decane (C10)            | 4.467  | 319345     | 2.437 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.630  | 403981     | 3.055 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.456  | 430603     | 3.345 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.062 | 369736     | 2.856 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.504 | 429491     | 3.253 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.813 | 479631     | 3.816 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.425 | 423651     | 3.454 ug/ml  |
| 13) T n-Docosane (C22)         | 14.011 | 544749     | 4.546 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.114 | 703475     | 6.019 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.136 | 775963     | 6.866 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.086 | 895139     | 8.121 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.974 | 917409     | 8.219 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.805 | 794287     | 7.237 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.588 | 553603     | 5.393 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.329 | 410455     | 4.598 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.050 | 313958     | 4.559 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.927 | 219029     | 4.896 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

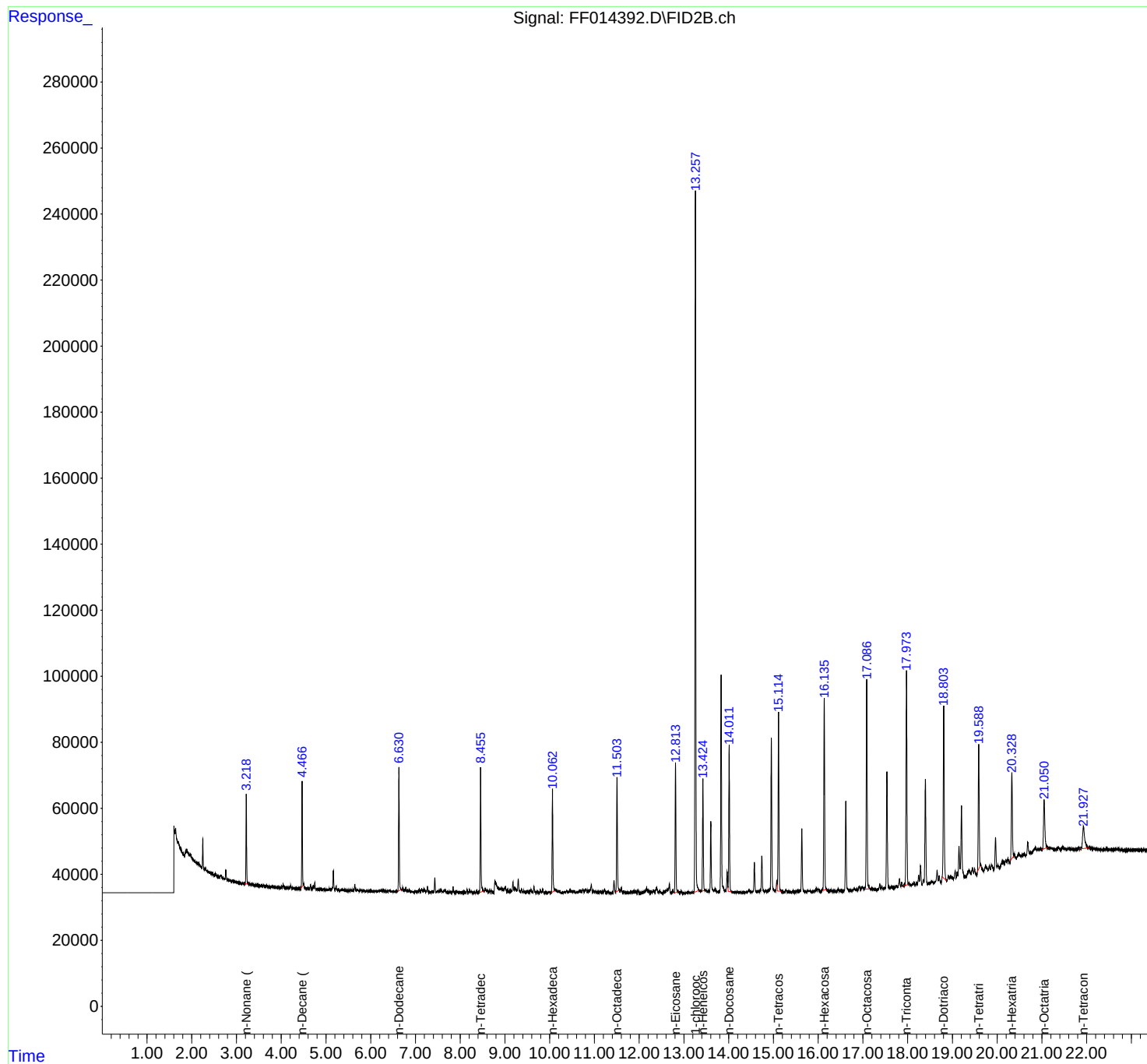
(m)=manual int.

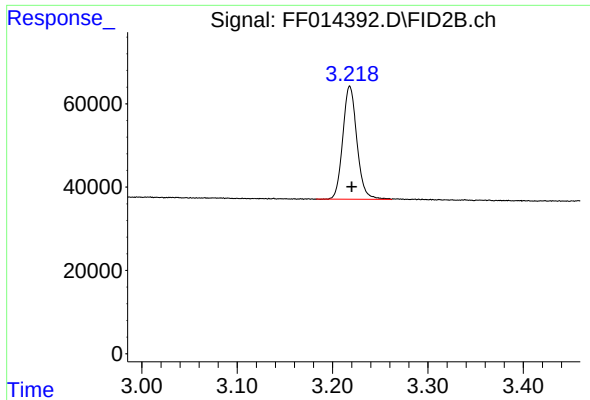
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Signal Phase : Rxi-1ms  
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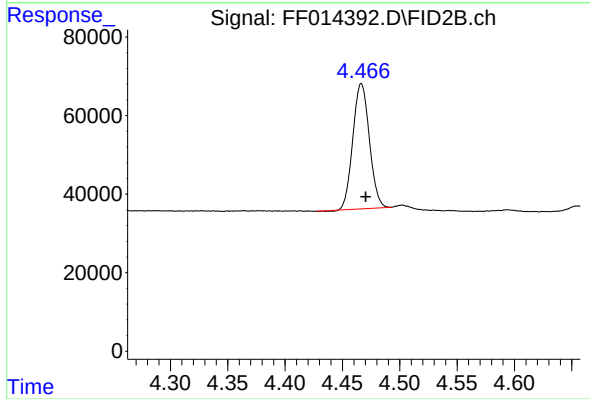




#1 n-Nonane (C9)

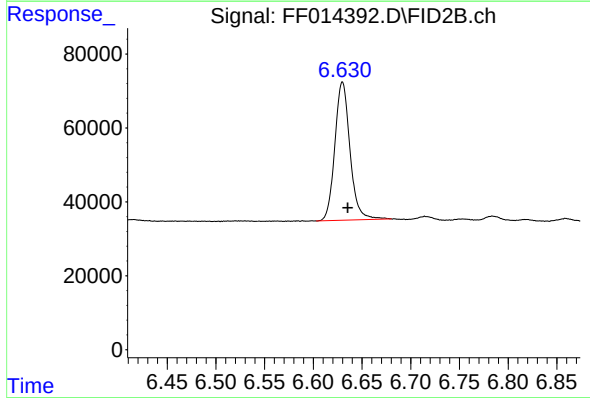
R.T.: 3.218 min  
Delta R.T.: -0.002 min  
Response: 280019  
Conc: 2.17 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



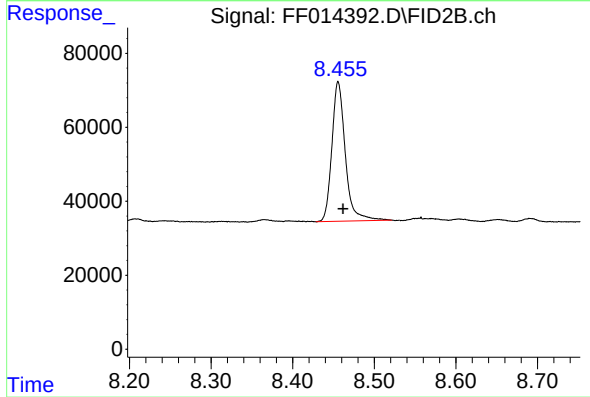
#2 n-Decane (C10)

R.T.: 4.467 min  
Delta R.T.: -0.004 min  
Response: 319345  
Conc: 2.44 ug/ml



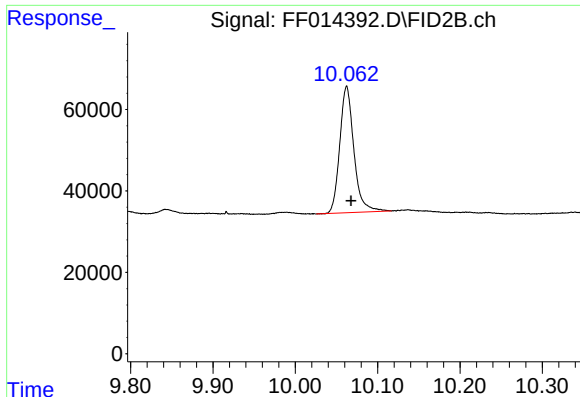
#4 n-Dodecane (C12)

R.T.: 6.630 min  
Delta R.T.: -0.005 min  
Response: 403981  
Conc: 3.05 ug/ml



#6 n-Tetradecane (C14)

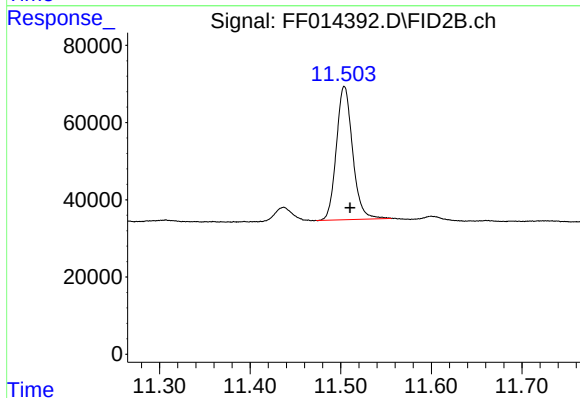
R.T.: 8.456 min  
Delta R.T.: -0.006 min  
Response: 430603  
Conc: 3.35 ug/ml



#7 n-Hexadecane (C16)

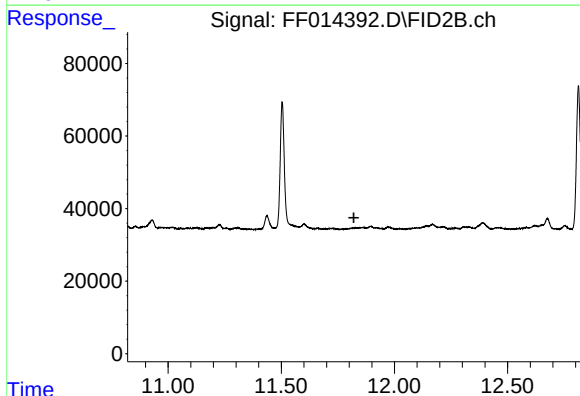
R.T.: 10.062 min  
Delta R.T.: -0.005 min  
Response: 369736  
Conc: 2.86 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



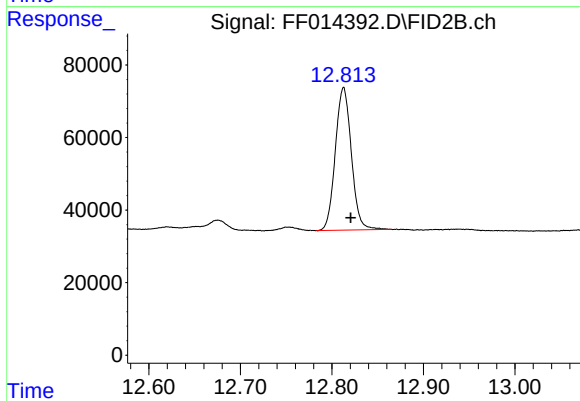
#8 n-Octadecane (C18)

R.T.: 11.504 min  
Delta R.T.: -0.006 min  
Response: 429491  
Conc: 3.25 ug/ml



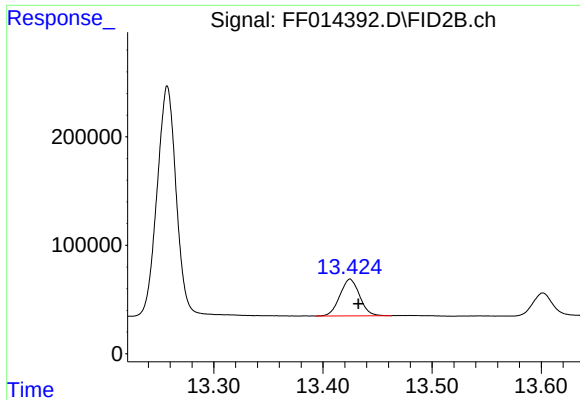
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.821 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

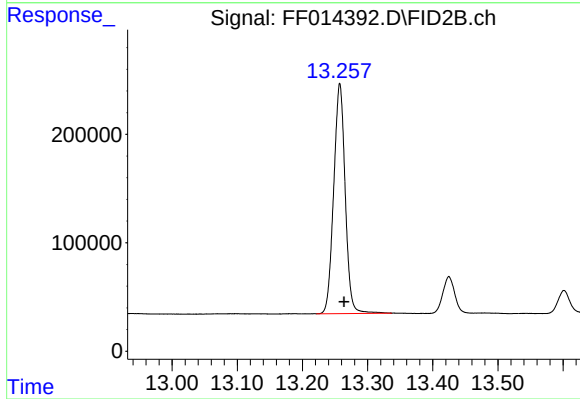
R.T.: 12.813 min  
Delta R.T.: -0.008 min  
Response: 479631  
Conc: 3.82 ug/ml



#11 n-Heneicosane (C21)

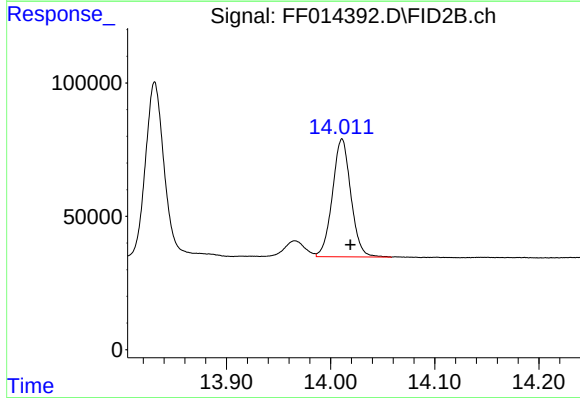
R.T.: 13.425 min  
Delta R.T.: -0.008 min  
Response: 423651  
Conc: 3.45 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



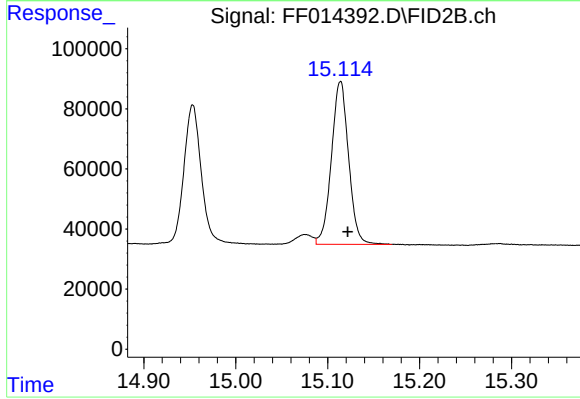
#12 1-chlorooctadecane (SURR)

R.T.: 13.257 min  
Delta R.T.: -0.007 min  
Response: 2599407  
Conc: 27.80 ug/ml



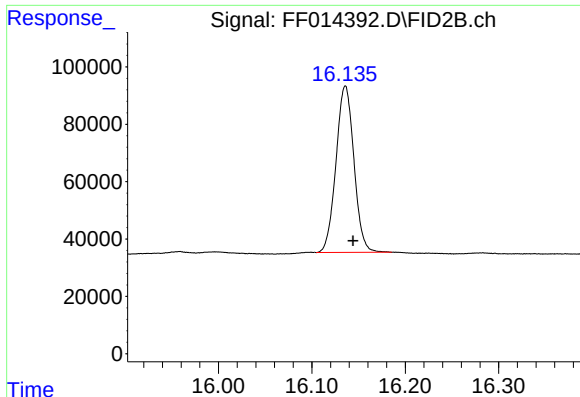
#13 n-Docosane (C22)

R.T.: 14.011 min  
Delta R.T.: -0.008 min  
Response: 544749  
Conc: 4.55 ug/ml



#14 n-Tetracosane (C24)

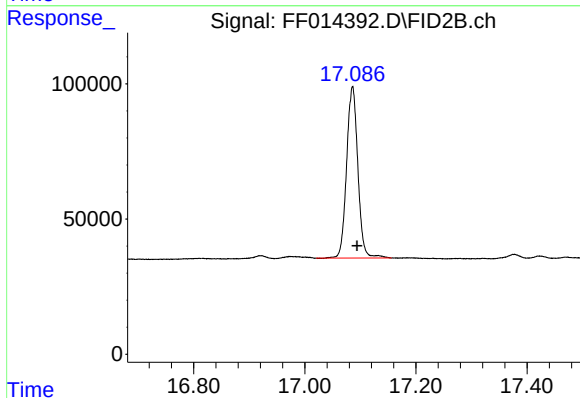
R.T.: 15.114 min  
Delta R.T.: -0.008 min  
Response: 703475  
Conc: 6.02 ug/ml



#15 n-Hexacosane (C26)

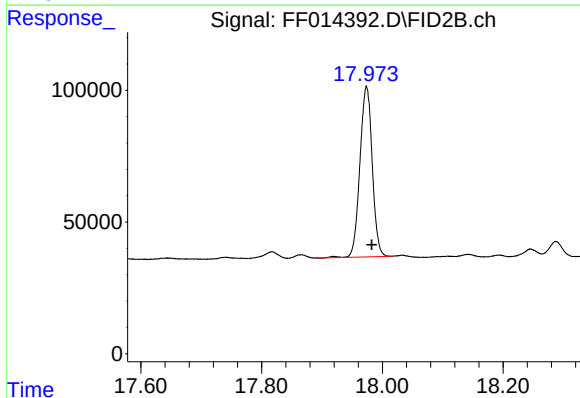
R.T.: 16.136 min  
Delta R.T.: -0.008 min  
Response: 775963  
Conc: 6.87 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



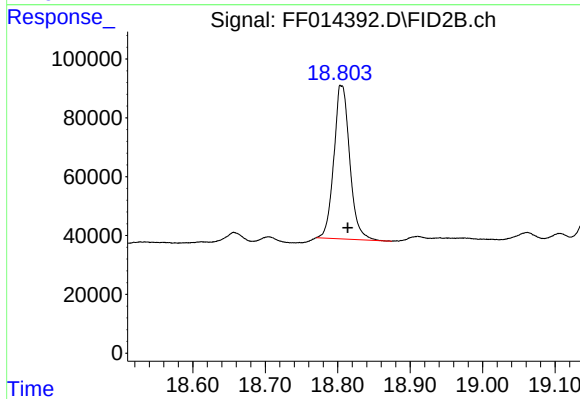
#16 n-Octacosane (C28)

R.T.: 17.086 min  
Delta R.T.: -0.008 min  
Response: 895139  
Conc: 8.12 ug/ml



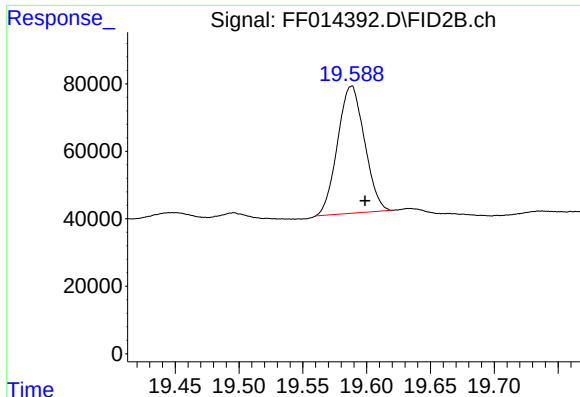
#17 n-Tricontane (C30)

R.T.: 17.974 min  
Delta R.T.: -0.008 min  
Response: 917409  
Conc: 8.22 ug/ml



#18 n-Dotriacontane (C32)

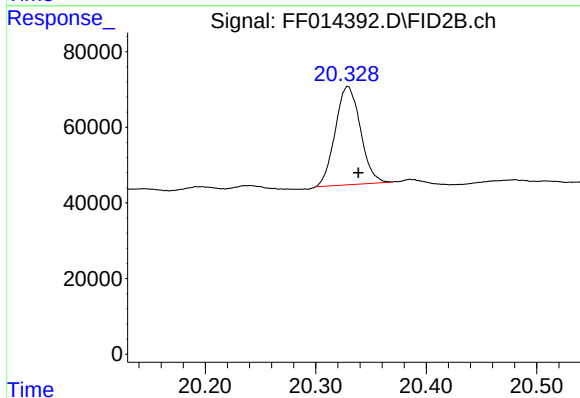
R.T.: 18.805 min  
Delta R.T.: -0.009 min  
Response: 794287  
Conc: 7.24 ug/ml



#19 n-Tetratriacontane (C34)

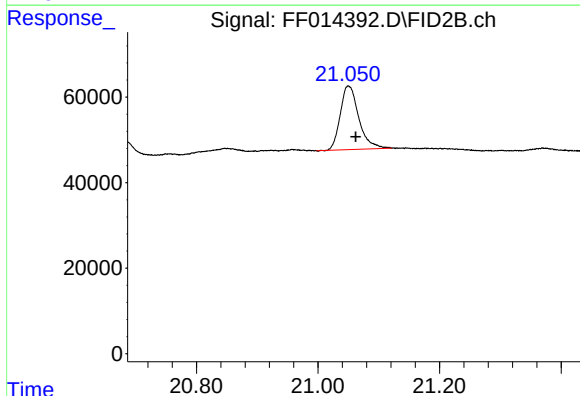
R.T.: 19.588 min  
Delta R.T.: -0.010 min  
Response: 553603  
Conc: 5.39 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



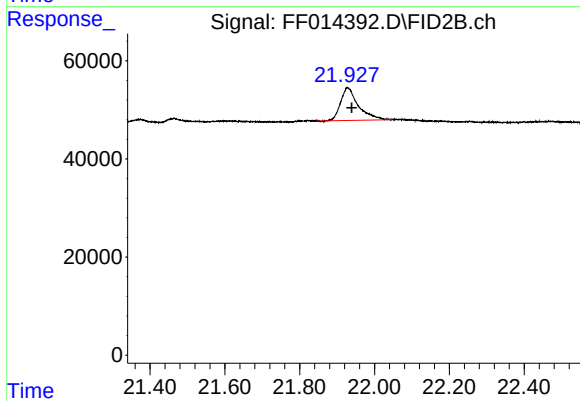
#20 n-Hexatriacontane (C36)

R.T.: 20.329 min  
Delta R.T.: -0.010 min  
Response: 410455  
Conc: 4.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.050 min  
Delta R.T.: -0.012 min  
Response: 313958  
Conc: 4.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.927 min  
Delta R.T.: -0.012 min  
Response: 219029  
Conc: 4.90 ug/ml