

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101122AL\  
 Data File : FC061751.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Oct 2022 12:17  
 Operator : YP/AJ  
 Sample : N4955-01  
 Misc : 2.5 PPM SOIL LOD  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2022

Integration File: autoint1.e  
 Quant Time: Oct 12 06:18:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092022.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 20 18:33:32 2022  
 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... | 13.019 | 3769505    | 27.593 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 55.19%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.342  | 187988     | 1.259 ug/ml  |
| 2) T n-Decane (C10)            | 4.409  | 242131     | 1.605 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.424  | 342683     | 2.254 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.221  | 341791     | 2.242 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.821  | 303868     | 1.965 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.263 | 318576     | 2.021 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.572 | 316875     | 1.988 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.184 | 316307     | 1.972 ug/ml  |
| 13) T n-Docosane (C22)         | 13.769 | 345837     | 2.153 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.872 | 390003     | 2.435 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.893 | 410257     | 2.588 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.841 | 438772     | 2.831 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.728 | 484656     | 3.149 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.561 | 458740     | 3.034 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.344 | 381410     | 2.690 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.084 | 316762     | 2.294 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.818 | 270540     | 2.089 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.730 | 232654     | 1.904 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

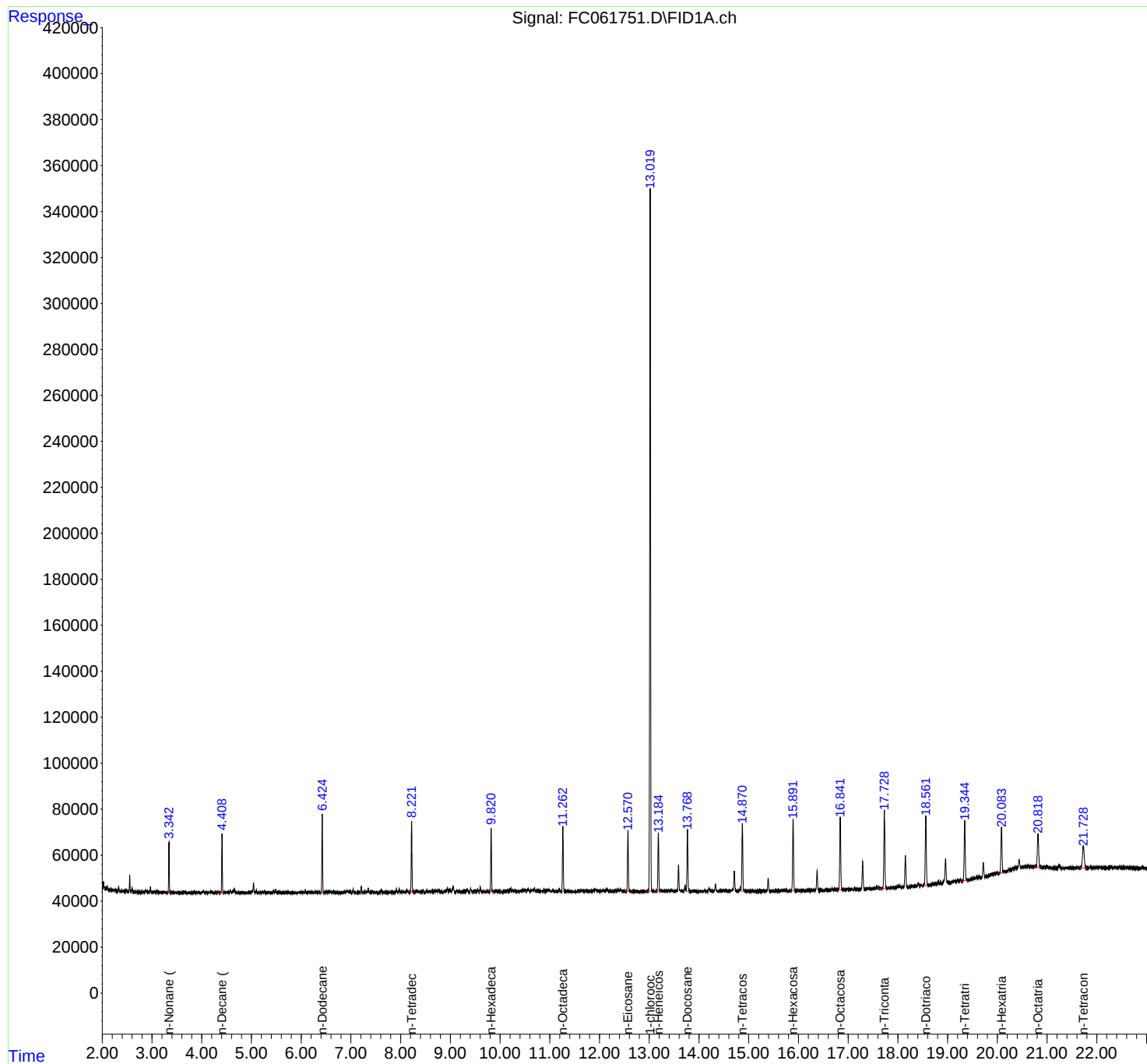
(m)=manual int.

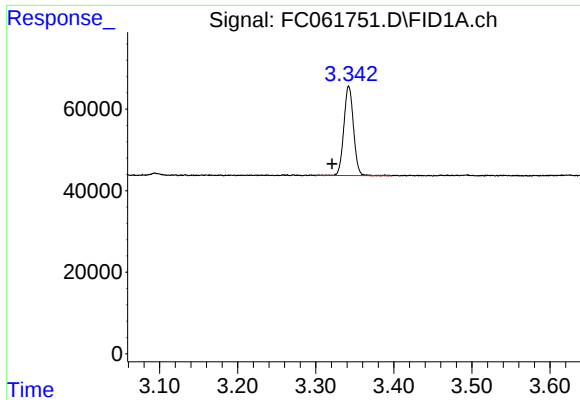
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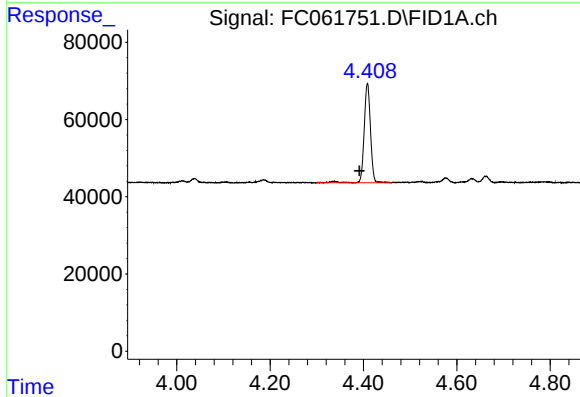




#1 n-Nonane (C9)

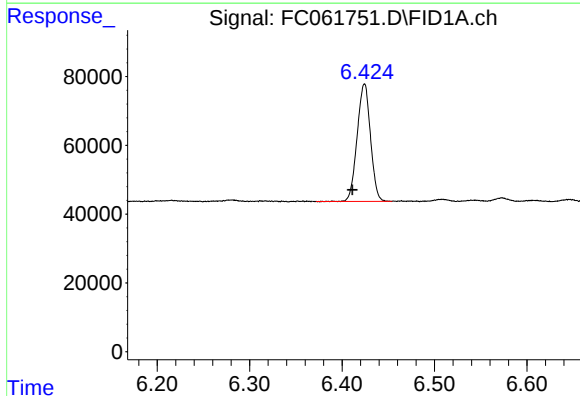
R.T.: 3.342 min  
Delta R.T.: 0.021 min  
Response: 187988  
Conc: 1.26 ug/ml

Instrument :  
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LOD-MDL-SOIL-01-QT4-2022



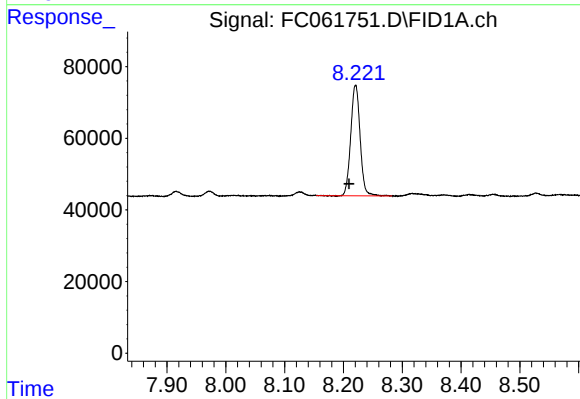
#2 n-Decane (C10)

R.T.: 4.409 min  
Delta R.T.: 0.017 min  
Response: 242131  
Conc: 1.61 ug/ml



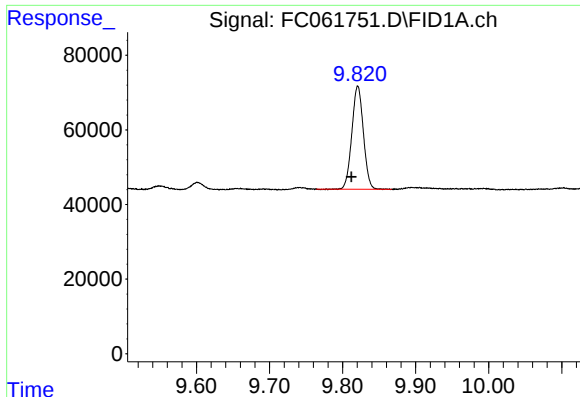
#4 n-Dodecane (C12)

R.T.: 6.424 min  
Delta R.T.: 0.013 min  
Response: 342683  
Conc: 2.25 ug/ml



#6 n-Tetradecane (C14)

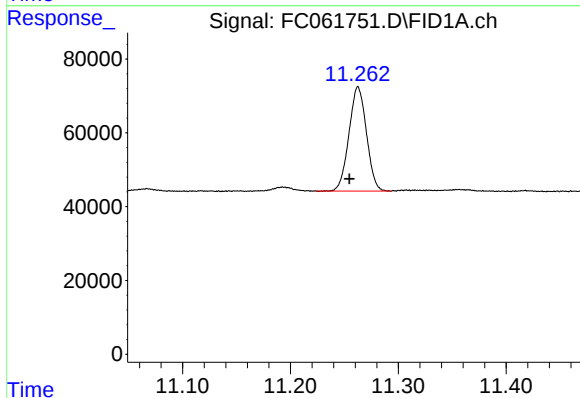
R.T.: 8.221 min  
Delta R.T.: 0.011 min  
Response: 341791  
Conc: 2.24 ug/ml



#7 n-Hexadecane (C16)

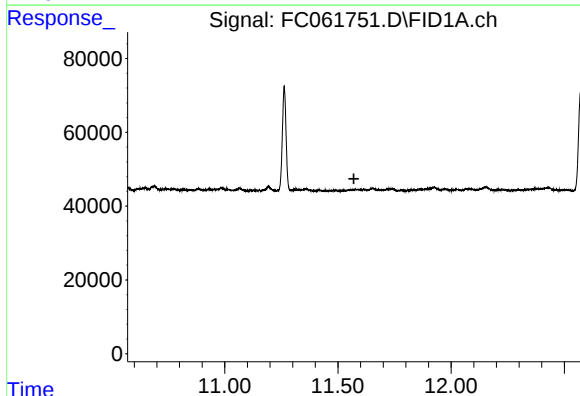
R.T.: 9.821 min  
Delta R.T.: 0.009 min  
Response: 303868  
Conc: 1.97 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



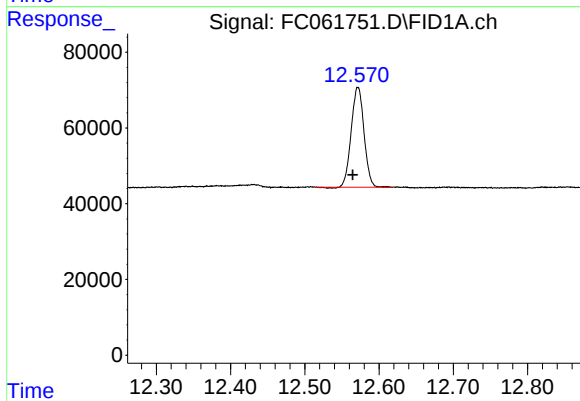
#8 n-Octadecane (C18)

R.T.: 11.263 min  
Delta R.T.: 0.008 min  
Response: 318576  
Conc: 2.02 ug/ml



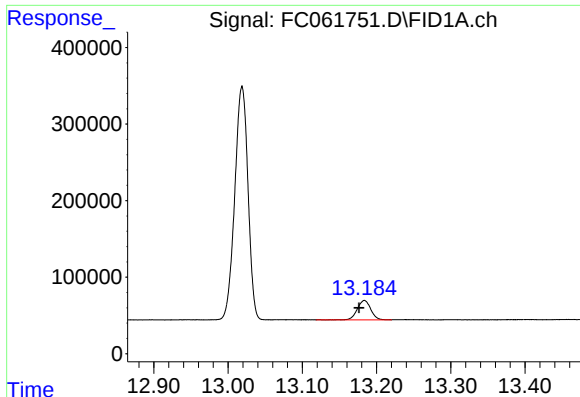
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.571 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

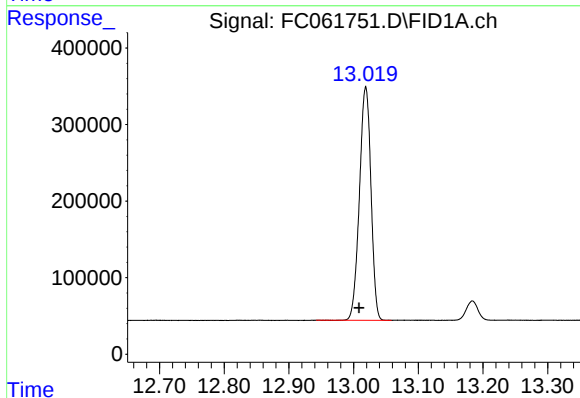
R.T.: 12.572 min  
Delta R.T.: 0.007 min  
Response: 316875  
Conc: 1.99 ug/ml



#11 n-Heneicosane (C21)

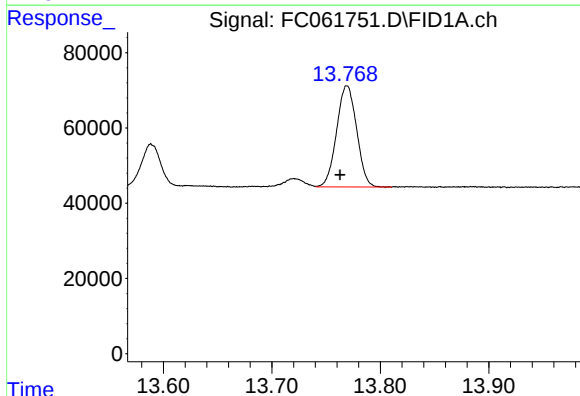
R.T.: 13.184 min  
Delta R.T.: 0.007 min  
Response: 316307  
Conc: 1.97 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
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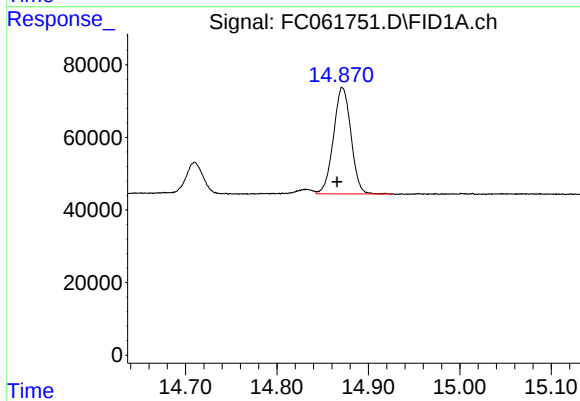
#12 1-chlorooctadecane (SURR)

R.T.: 13.019 min  
Delta R.T.: 0.010 min  
Response: 3769505  
Conc: 27.59 ug/ml



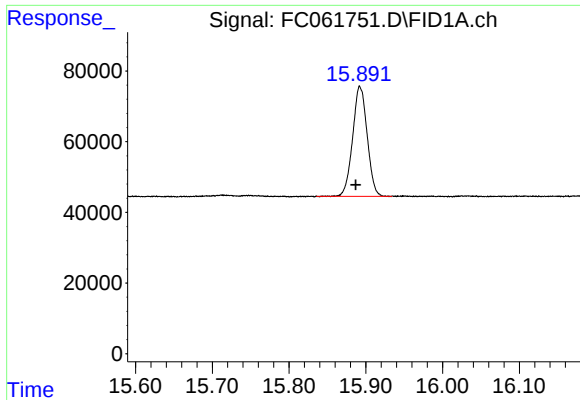
#13 n-Docosane (C22)

R.T.: 13.769 min  
Delta R.T.: 0.006 min  
Response: 345837  
Conc: 2.15 ug/ml



#14 n-Tetracosane (C24)

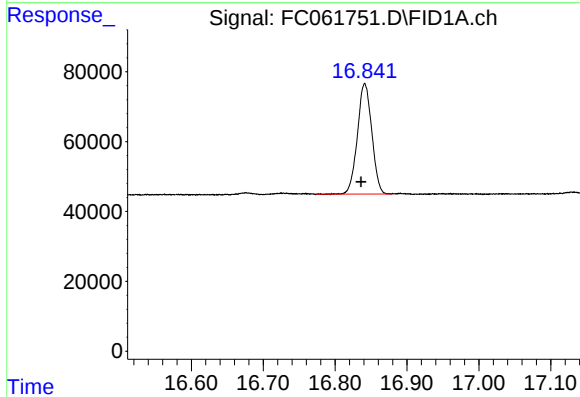
R.T.: 14.872 min  
Delta R.T.: 0.006 min  
Response: 390003  
Conc: 2.43 ug/ml



#15 n-Hexacosane (C26)

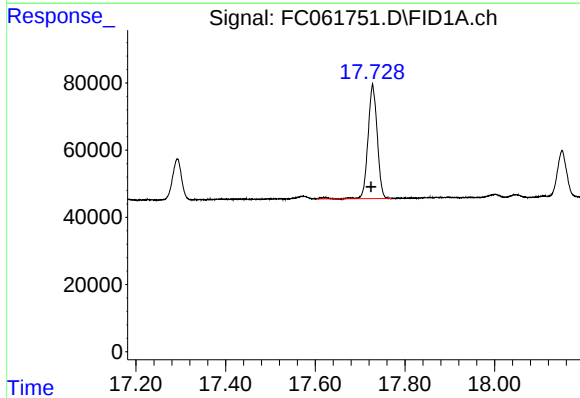
R.T.: 15.893 min  
Delta R.T.: 0.006 min  
Response: 410257  
Conc: 2.59 ug/ml

Instrument :  
FID\_C  
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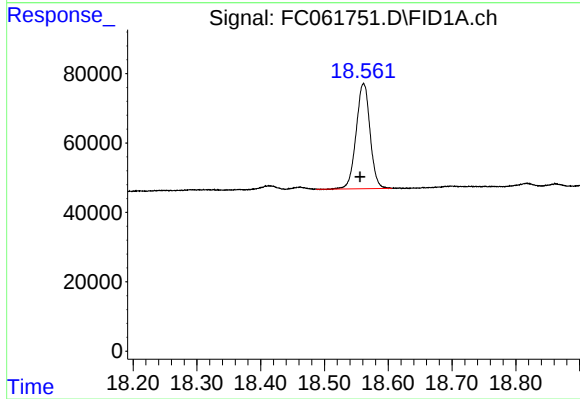
#16 n-Octacosane (C28)

R.T.: 16.841 min  
Delta R.T.: 0.005 min  
Response: 438772  
Conc: 2.83 ug/ml



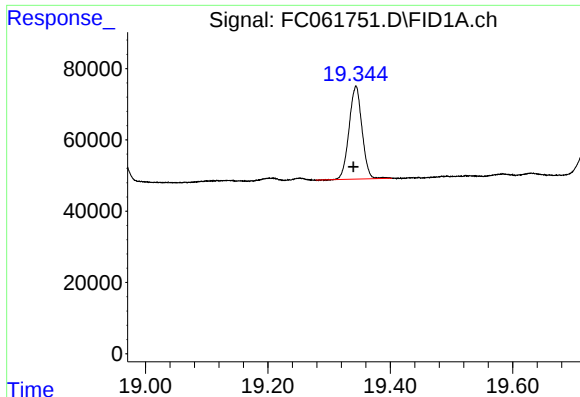
#17 n-Tricontane (C30)

R.T.: 17.728 min  
Delta R.T.: 0.004 min  
Response: 484656  
Conc: 3.15 ug/ml



#18 n-Dotriacontane (C32)

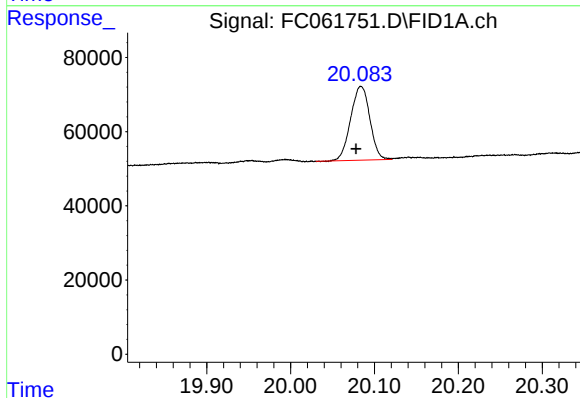
R.T.: 18.561 min  
Delta R.T.: 0.006 min  
Response: 458740  
Conc: 3.03 ug/ml



#19 n-Tetratriacontane (C34)

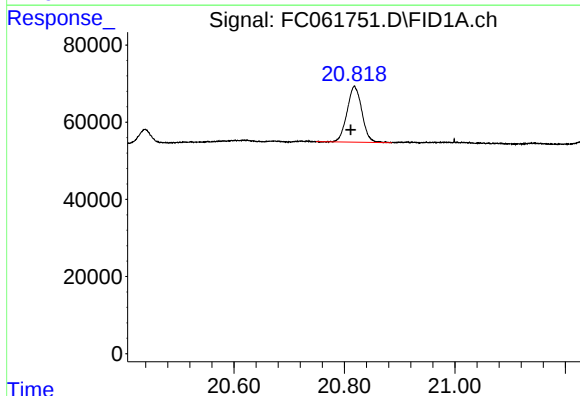
R.T.: 19.344 min  
Delta R.T.: 0.004 min  
Response: 381410  
Conc: 2.69 ug/ml

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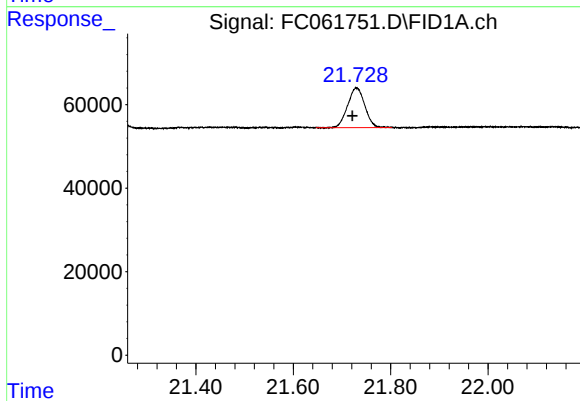
#20 n-Hexatriacontane (C36)

R.T.: 20.084 min  
Delta R.T.: 0.006 min  
Response: 316762  
Conc: 2.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.818 min  
Delta R.T.: 0.007 min  
Response: 270540  
Conc: 2.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.730 min  
Delta R.T.: 0.009 min  
Response: 232654  
Conc: 1.90 ug/ml