

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102320AL\  
 Data File : FC050310.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Oct 2020 10:21  
 Operator : DD\AJ  
 Sample : L4214-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2020

Integration File: autoint1.e  
 Quant Time: Oct 24 02:22:58 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 100620.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 07 04:53:04 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 13.060 | 2782355    | 32.120 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 64.24%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.374  | 315971     | 3.188 ug/ml  |
| 2) T n-Decane (C10)            | 4.444  | 388579     | 3.903 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.465  | 448915     | 4.449 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.261  | 471480     | 4.706 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.863  | 452674     | 4.593 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.304 | 484470     | 4.691 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.614 | 493836     | 4.746 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.225 | 476065     | 4.581 ug/ml  |
| 13) T n-Docosane (C22)         | 13.811 | 479350     | 4.618 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.912 | 482318     | 4.644 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.934 | 461385     | 4.477 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.881 | 456874     | 4.415 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.768 | 468106     | 4.587 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.600 | 455067     | 4.737 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.382 | 464414     | 5.063 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.122 | 425864     | 4.808 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.866 | 404809     | 4.909 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.795 | 387638     | 4.636 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

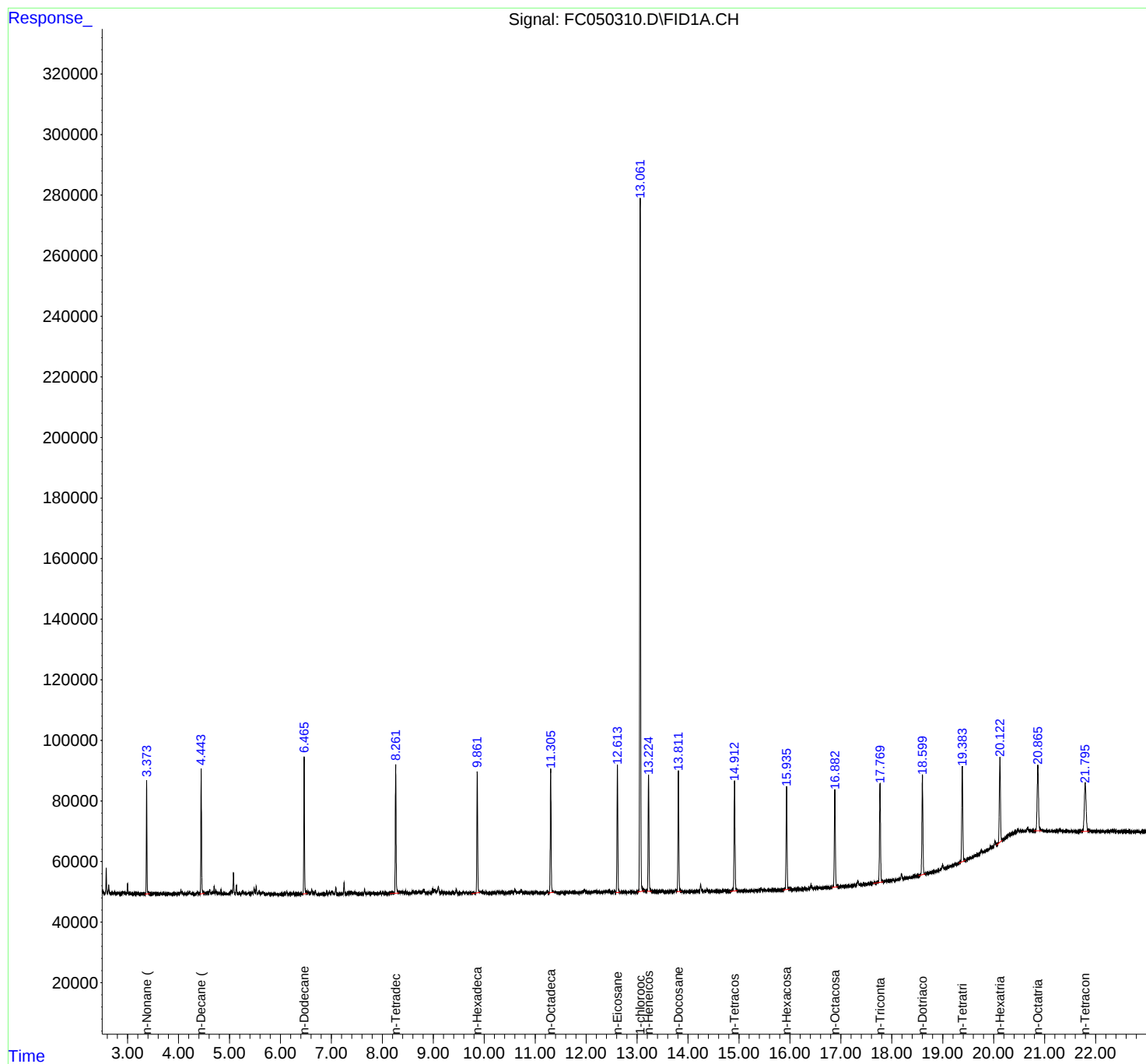
(m)=manual int.

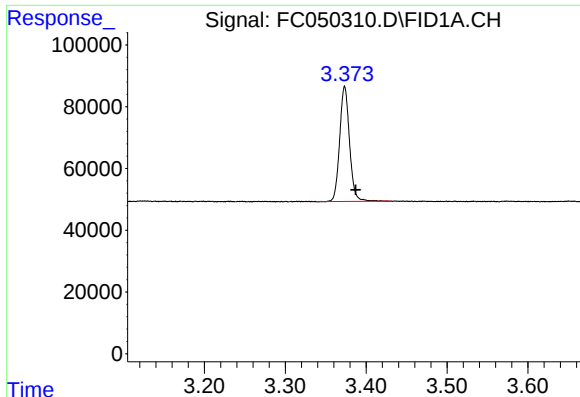
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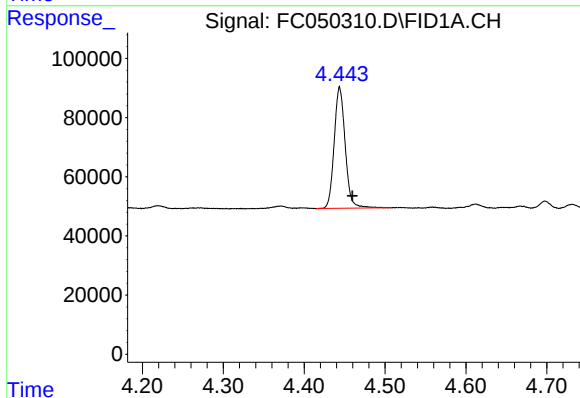




#1 n-Nonane (C9)

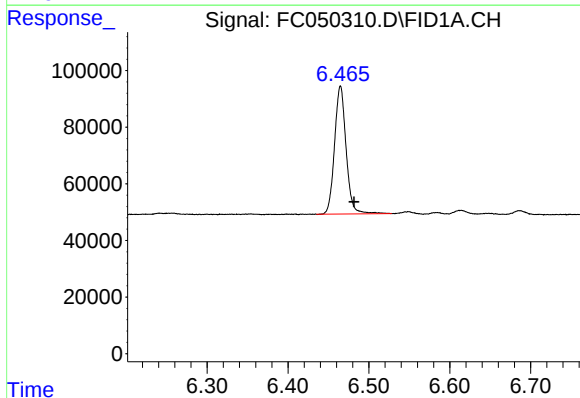
R.T.: 3.374 min  
Delta R.T.: -0.013 min  
Response: 315971  
Conc: 3.19 ug/ml

Instrument :  
FID\_C  
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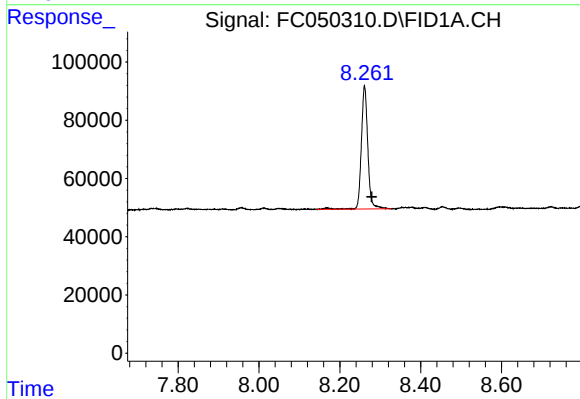
#2 n-Decane (C10)

R.T.: 4.444 min  
Delta R.T.: -0.016 min  
Response: 388579  
Conc: 3.90 ug/ml



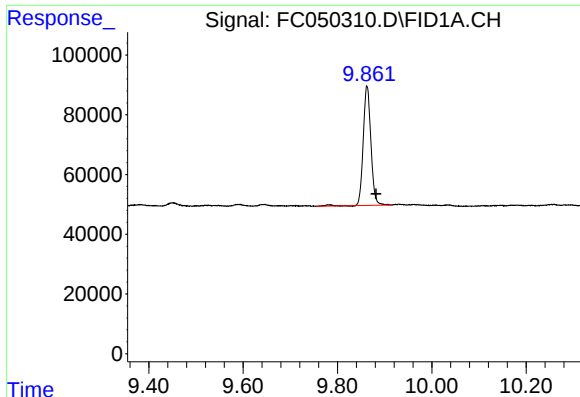
#4 n-Dodecane (C12)

R.T.: 6.465 min  
Delta R.T.: -0.017 min  
Response: 448915  
Conc: 4.45 ug/ml



#6 n-Tetradecane (C14)

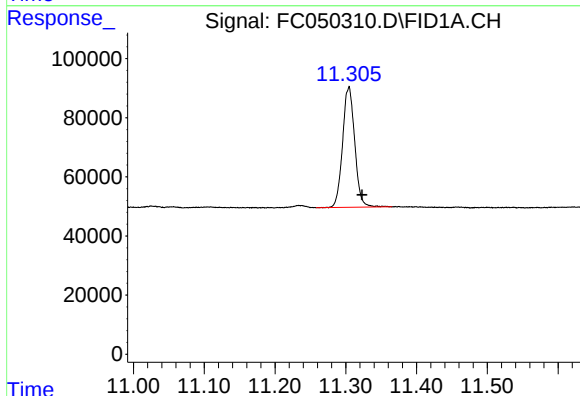
R.T.: 8.261 min  
Delta R.T.: -0.018 min  
Response: 471480  
Conc: 4.71 ug/ml



#7 n-Hexadecane (C16)

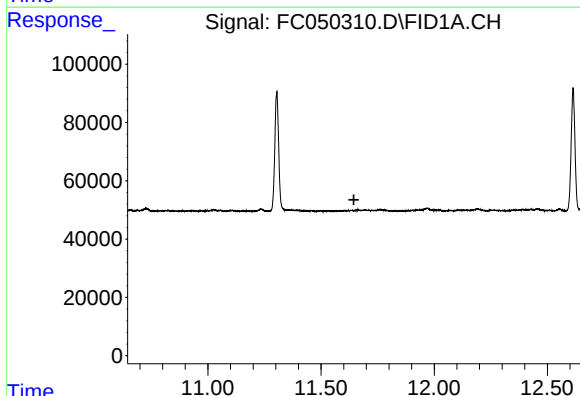
R.T.: 9.863 min  
Delta R.T.: -0.019 min  
Response: 452674  
Conc: 4.59 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
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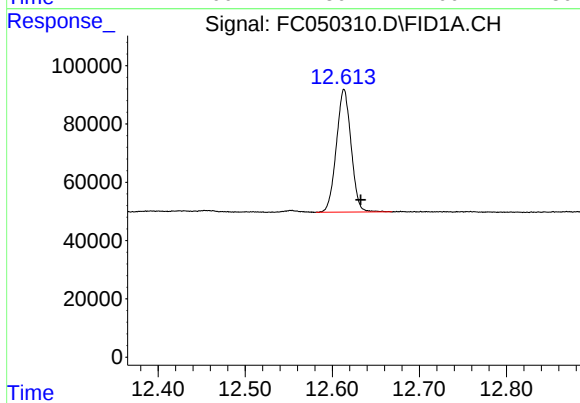
#8 n-Octadecane (C18)

R.T.: 11.304 min  
Delta R.T.: -0.019 min  
Response: 484470  
Conc: 4.69 ug/ml



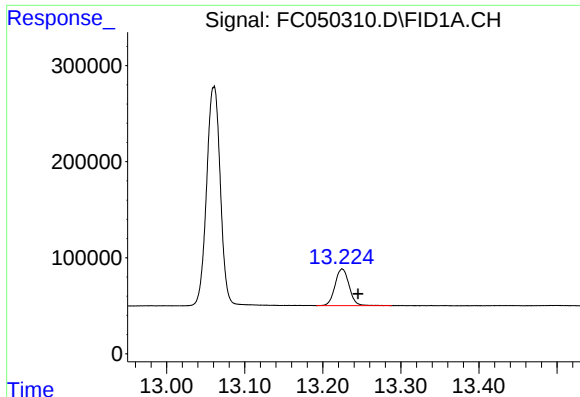
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.645 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

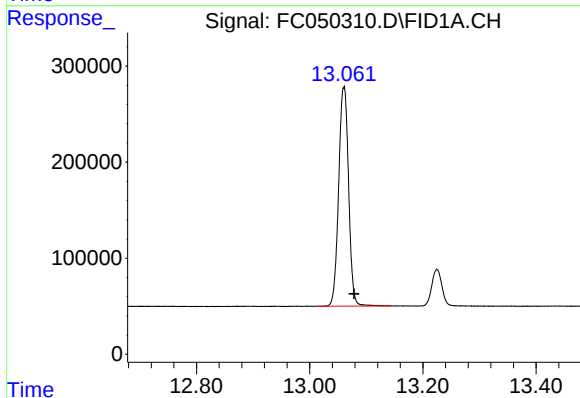
R.T.: 12.614 min  
Delta R.T.: -0.019 min  
Response: 493836  
Conc: 4.75 ug/ml



#11 n-Heneicosane (C21)

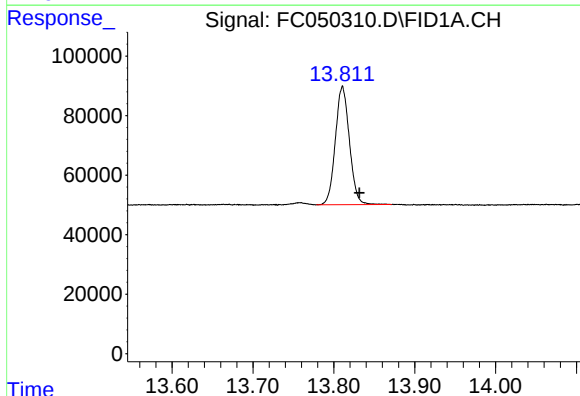
R.T.: 13.225 min  
Delta R.T.: -0.020 min  
Response: 476065  
Conc: 4.58 ug/ml

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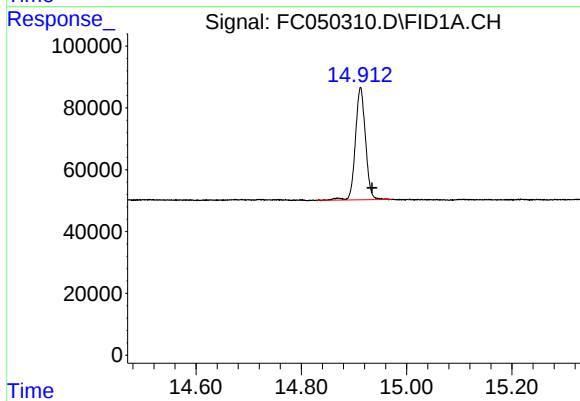
#12 1-chlorooctadecane (SURR)

R.T.: 13.060 min  
Delta R.T.: -0.018 min  
Response: 2782355  
Conc: 32.12 ug/ml



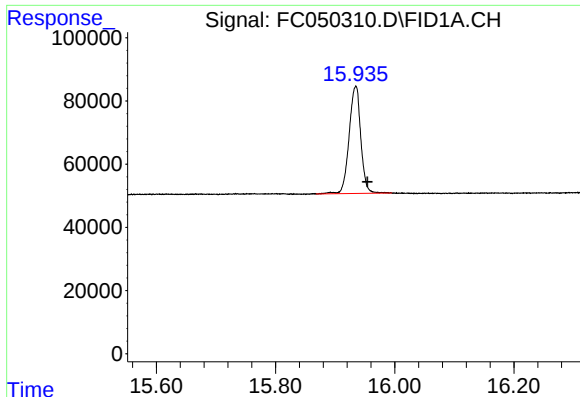
#13 n-Docosane (C22)

R.T.: 13.811 min  
Delta R.T.: -0.021 min  
Response: 479350  
Conc: 4.62 ug/ml



#14 n-Tetracosane (C24)

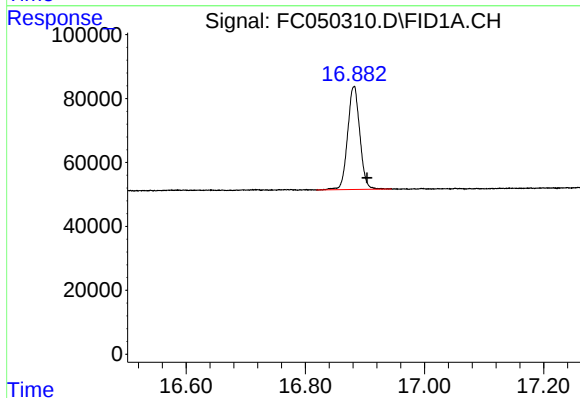
R.T.: 14.912 min  
Delta R.T.: -0.022 min  
Response: 482318  
Conc: 4.64 ug/ml



#15 n-Hexacosane (C26)

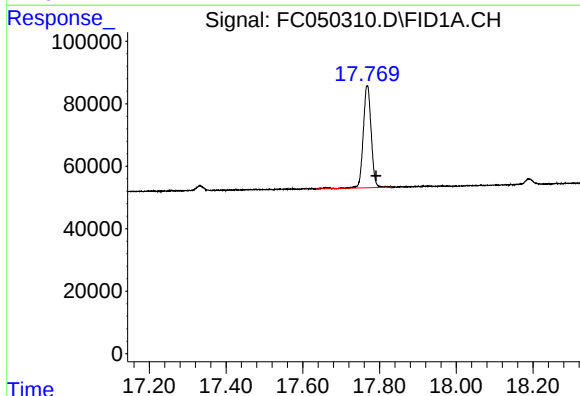
R.T.: 15.934 min  
Delta R.T.: -0.020 min  
Response: 461385  
Conc: 4.48 ug/ml

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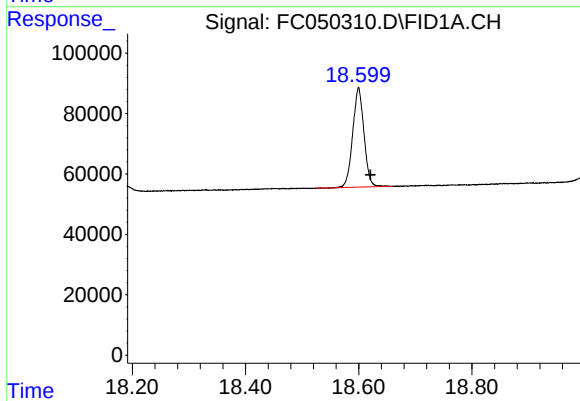
#16 n-Octacosane (C28)

R.T.: 16.881 min  
Delta R.T.: -0.022 min  
Response: 456874  
Conc: 4.41 ug/ml



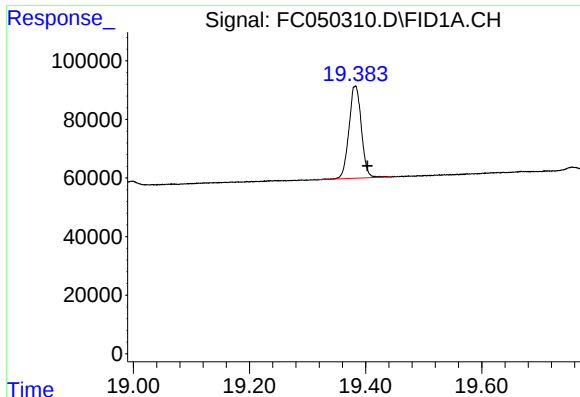
#17 n-Tricontane (C30)

R.T.: 17.768 min  
Delta R.T.: -0.023 min  
Response: 468106  
Conc: 4.59 ug/ml



#18 n-Dotriacontane (C32)

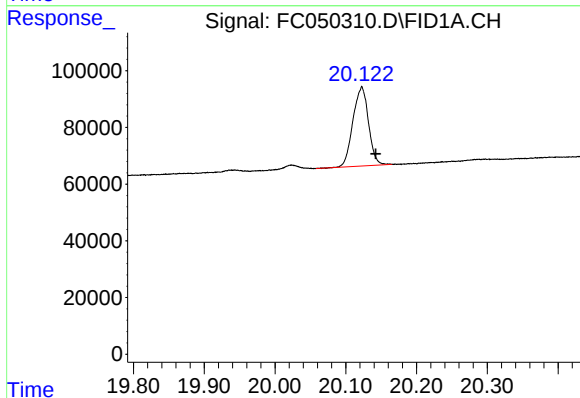
R.T.: 18.600 min  
Delta R.T.: -0.021 min  
Response: 455067  
Conc: 4.74 ug/ml



#19 n-Tetratriacontane (C34)

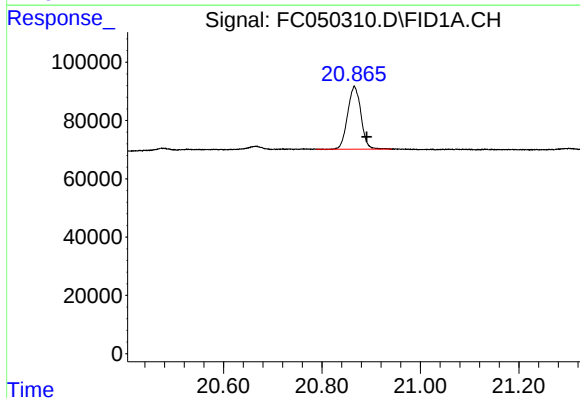
R.T.: 19.382 min  
Delta R.T.: -0.021 min  
Response: 464414  
Conc: 5.06 ug/ml

Instrument :  
FID\_C  
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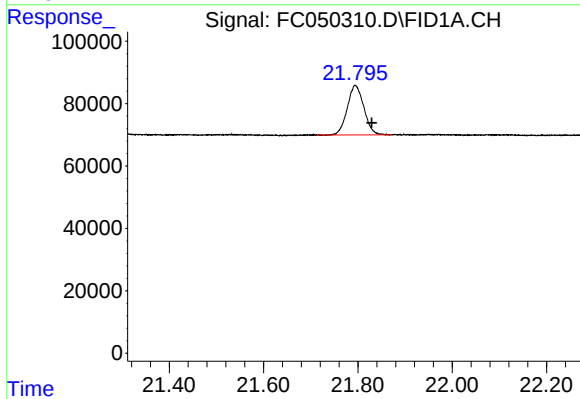
#20 n-Hexatriacontane (C36)

R.T.: 20.122 min  
Delta R.T.: -0.020 min  
Response: 425864  
Conc: 4.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.866 min  
Delta R.T.: -0.025 min  
Response: 404809  
Conc: 4.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.795 min  
Delta R.T.: -0.034 min  
Response: 387638  
Conc: 4.64 ug/ml