

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG062525AL\  
 Data File : FG016133.D  
 Signal(s) : FID1A.ch  
 Acq On : 25 Jun 2025 13:36  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Jun 26 04:14:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 16 06:52:22 2025  
 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    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 12.092 | 2697828    | 20.909 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.82%       |
| 12) S 1-chlorooctadecane (S... | 13.534 | 2100603    | 20.847 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.69%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.418  | 2237991    | 20.684 ug/ml |
| 2) T n-Decane (C10)            | 4.677  | 2282011    | 20.804 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.393  | 2493057    | 20.866 ug/ml |
| 4) T n-Dodecane (C12)          | 6.856  | 2300758    | 20.895 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.495  | 2432631    | 20.915 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.695  | 2307835    | 21.015 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.313 | 2383251    | 20.937 ug/ml |
| 8) T n-Octadecane (C18)        | 11.766 | 2431501    | 20.886 ug/ml |
| 10) T n-Eicosane (C20)         | 13.086 | 2379137    | 20.904 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.702 | 2363317    | 20.875 ug/ml |
| 13) T n-Docosane (C22)         | 14.292 | 2373427    | 20.878 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.402 | 2407076    | 20.875 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.429 | 2401055    | 20.865 ug/ml |
| 16) T n-Octacosane (C28)       | 17.384 | 2367670    | 20.862 ug/ml |
| 17) T n-Tricontane (C30)       | 18.276 | 2402158    | 20.981 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.114 | 2278492    | 20.898 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.900 | 2030717    | 20.526 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.643 | 1724350    | 20.315 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.431 | 1534166    | 20.322 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.431 | 1425796    | 20.619 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

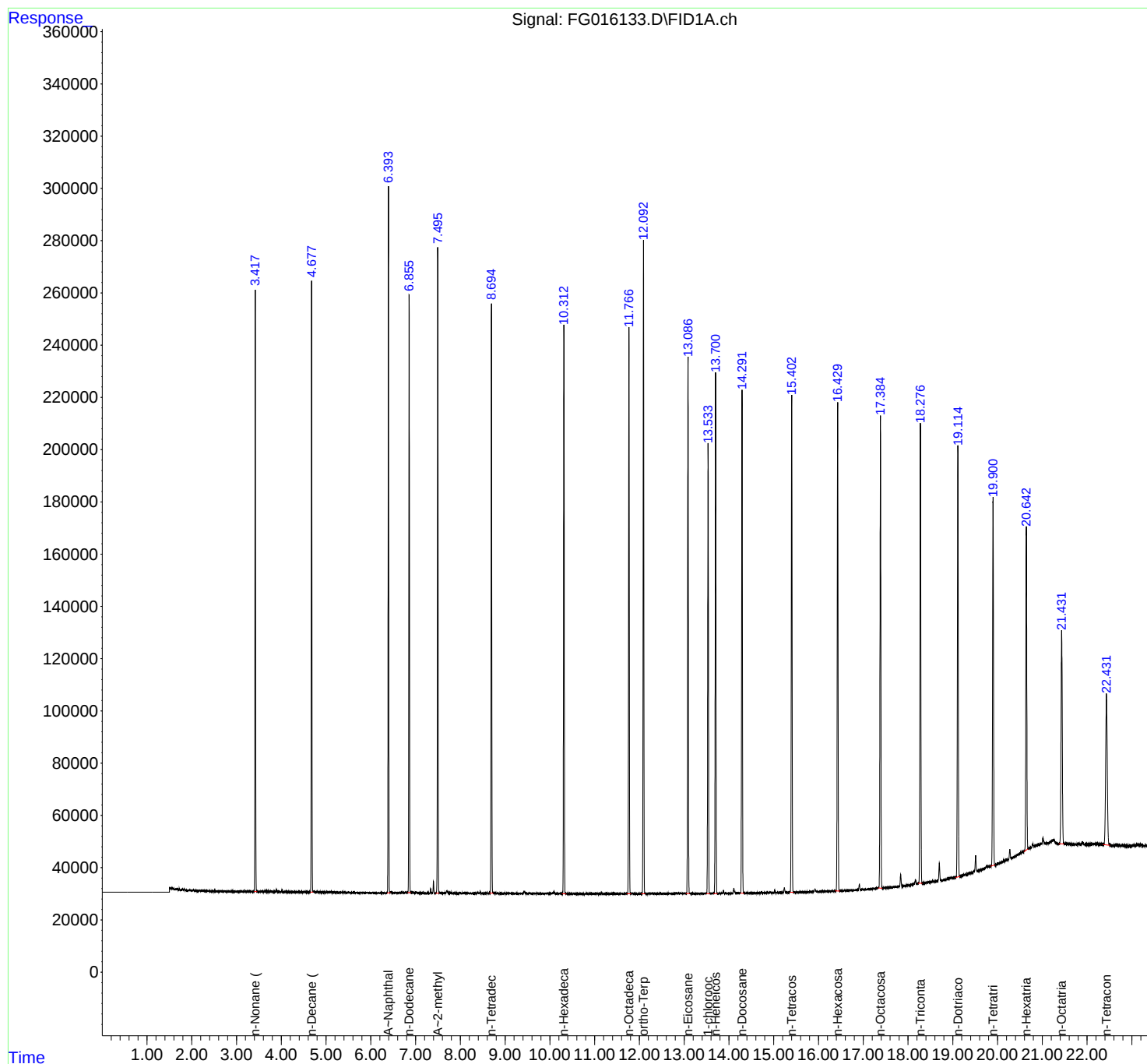
(m)=manual int.

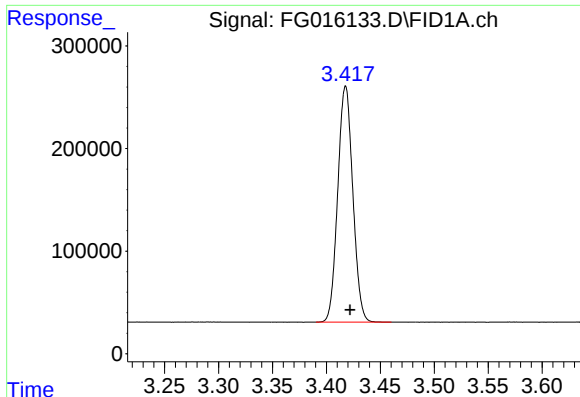
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG062525AL\  
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ALS Vial : 11 Sample Multiplier: 1

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Volume Inj. : 1 ul  
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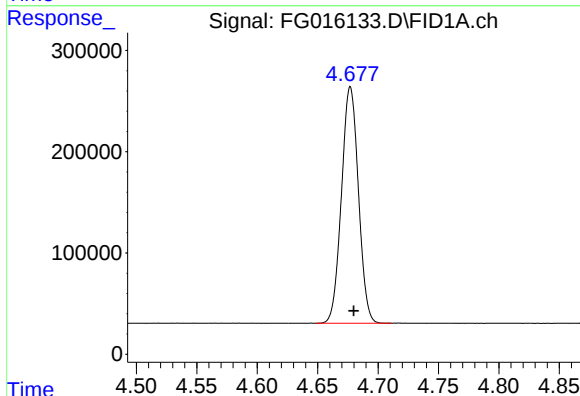




#1 n-Nonane (C9)

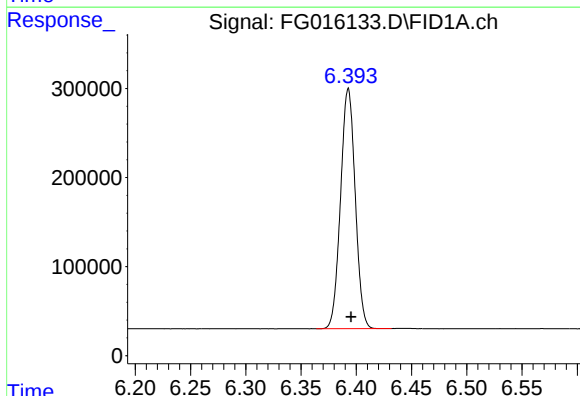
R.T.: 3.418 min  
Delta R.T.: -0.004 min  
Response: 2237991  
Conc: 20.68 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



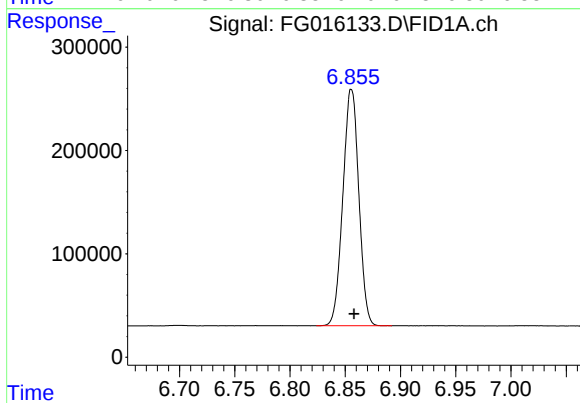
#2 n-Decane (C10)

R.T.: 4.677 min  
Delta R.T.: -0.003 min  
Response: 2282011  
Conc: 20.80 ug/ml



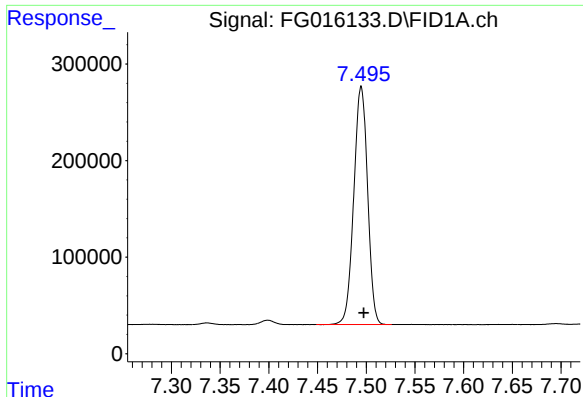
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min  
Delta R.T.: -0.003 min  
Response: 2493057  
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

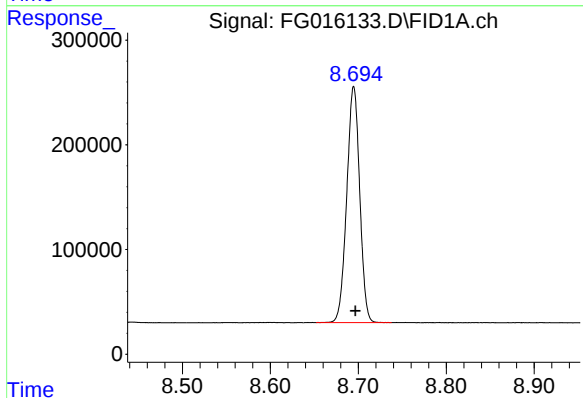
R.T.: 6.856 min  
Delta R.T.: -0.002 min  
Response: 2300758  
Conc: 20.89 ug/ml



#5 A~2-methylnaphthalene (C12.89)

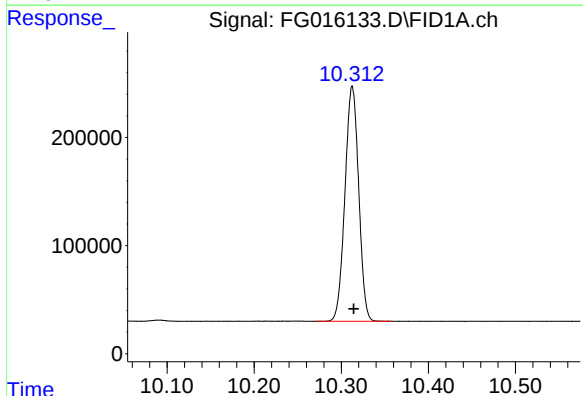
R.T.: 7.495 min  
Delta R.T.: -0.002 min  
Response: 2432631  
Conc: 20.92 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



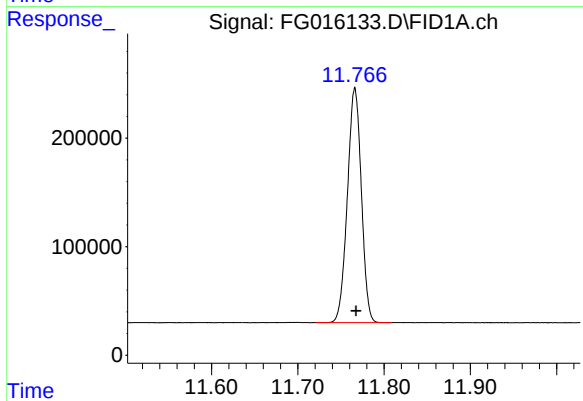
#6 n-Tetradecane (C14)

R.T.: 8.695 min  
Delta R.T.: -0.002 min  
Response: 2307835  
Conc: 21.01 ug/ml



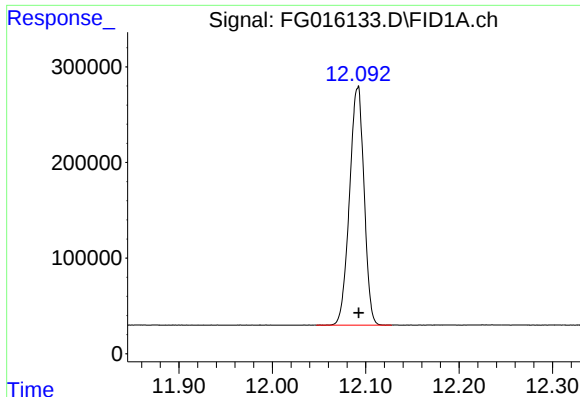
#7 n-Hexadecane (C16)

R.T.: 10.313 min  
Delta R.T.: -0.002 min  
Response: 2383251  
Conc: 20.94 ug/ml



#8 n-Octadecane (C18)

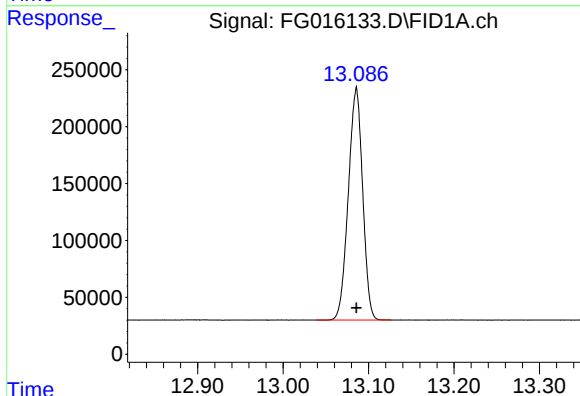
R.T.: 11.766 min  
Delta R.T.: -0.001 min  
Response: 2431501  
Conc: 20.89 ug/ml



#9 ortho-Terphenyl (SURR)

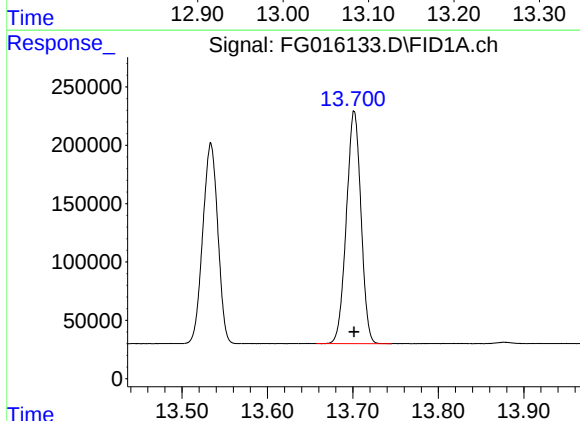
R.T.: 12.092 min  
Delta R.T.: 0.000 min  
Response: 2697828  
Conc: 20.91 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



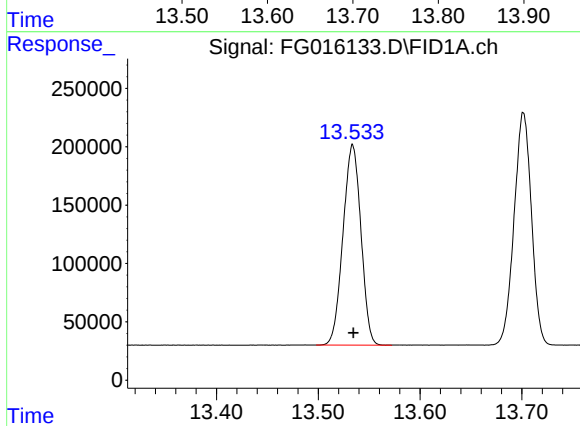
#10 n-Eicosane (C20)

R.T.: 13.086 min  
Delta R.T.: 0.000 min  
Response: 2379137  
Conc: 20.90 ug/ml



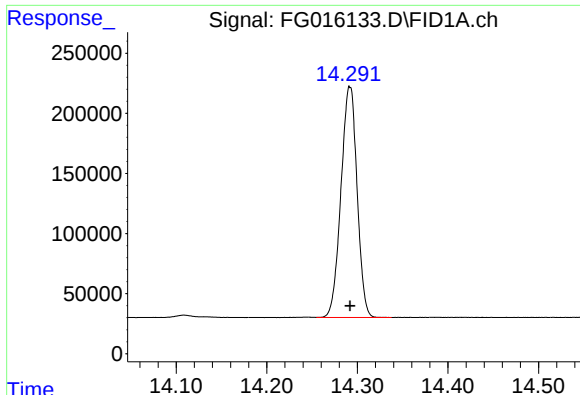
#11 n-Heneicosane (C21)

R.T.: 13.702 min  
Delta R.T.: 0.000 min  
Response: 2363317  
Conc: 20.88 ug/ml



#12 1-chlorooctadecane (SURR)

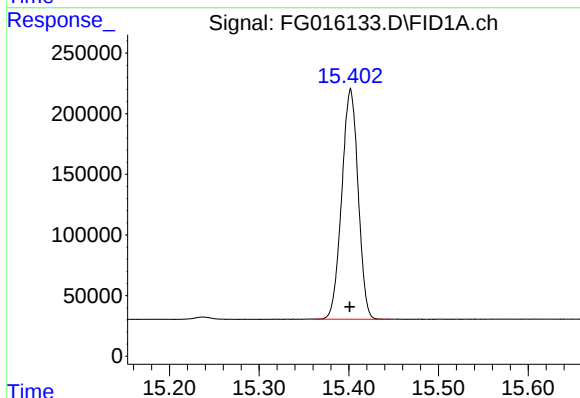
R.T.: 13.534 min  
Delta R.T.: 0.000 min  
Response: 2100603  
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

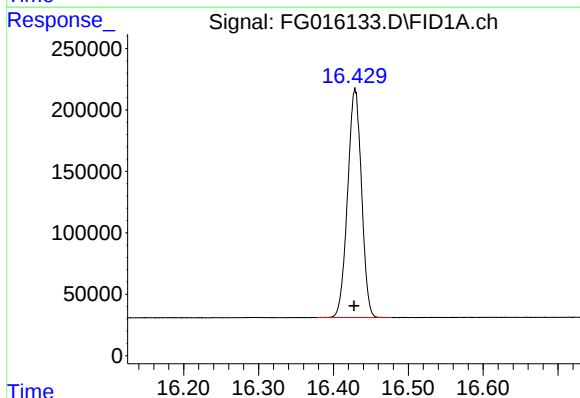
R.T.: 14.292 min  
Delta R.T.: 0.000 min  
Response: 2373427  
Conc: 20.88 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



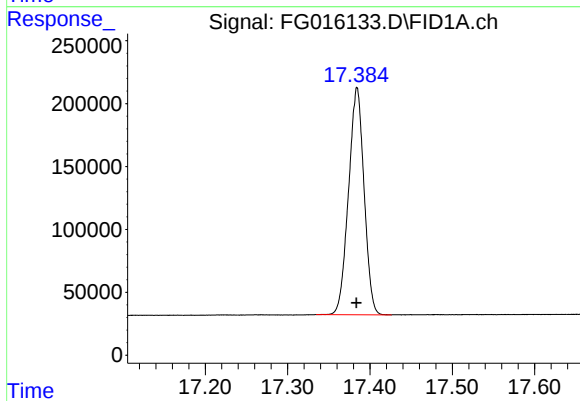
#14 n-Tetracosane (C24)

R.T.: 15.402 min  
Delta R.T.: 0.000 min  
Response: 2407076  
Conc: 20.87 ug/ml



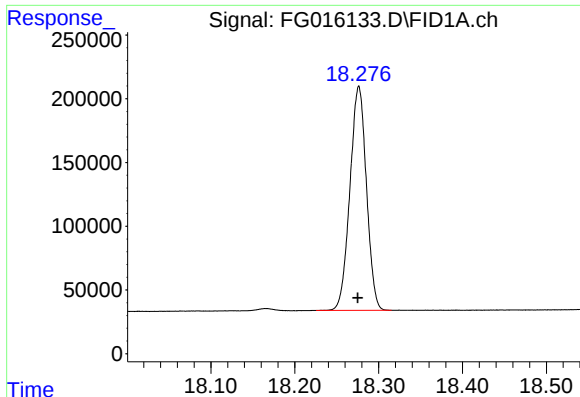
#15 n-Hexacosane (C26)

R.T.: 16.429 min  
Delta R.T.: 0.001 min  
Response: 2401055  
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

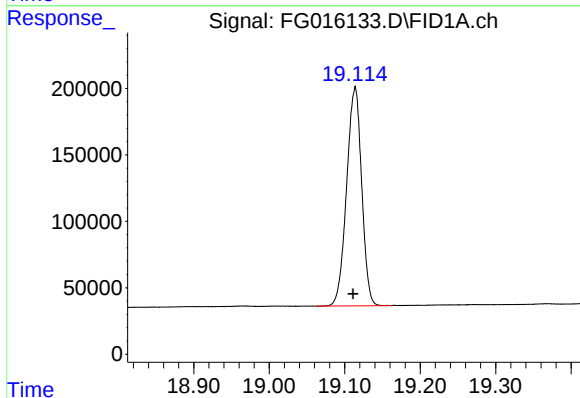
R.T.: 17.384 min  
Delta R.T.: 0.001 min  
Response: 2367670  
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

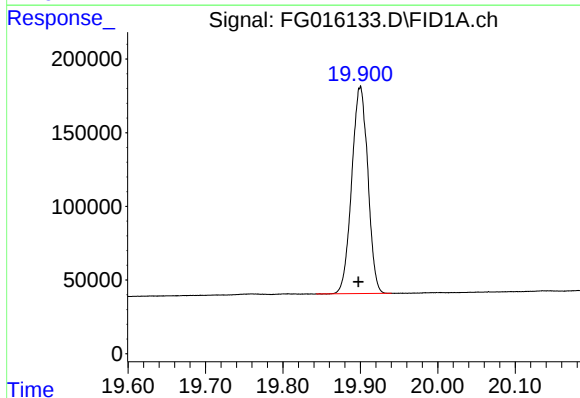
R.T.: 18.276 min  
Delta R.T.: 0.001 min  
Response: 2402158  
Conc: 20.98 ug/ml

Instrument :  
FID\_G  
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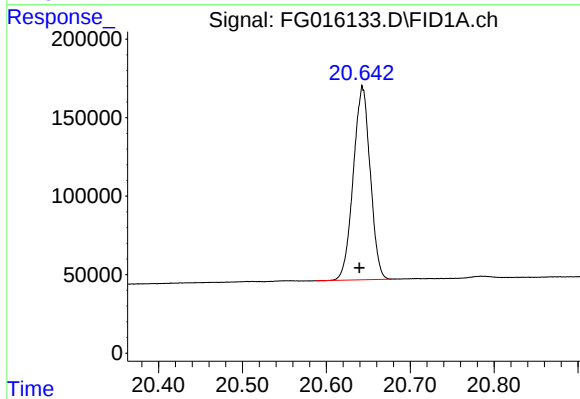
#18 n-Dotriacontane (C32)

R.T.: 19.114 min  
Delta R.T.: 0.003 min  
Response: 2278492  
Conc: 20.90 ug/ml



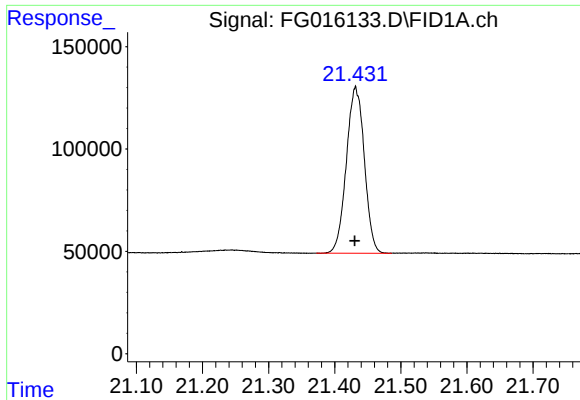
#19 n-Tetratriacontane (C34)

R.T.: 19.900 min  
Delta R.T.: 0.002 min  
Response: 2030717  
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

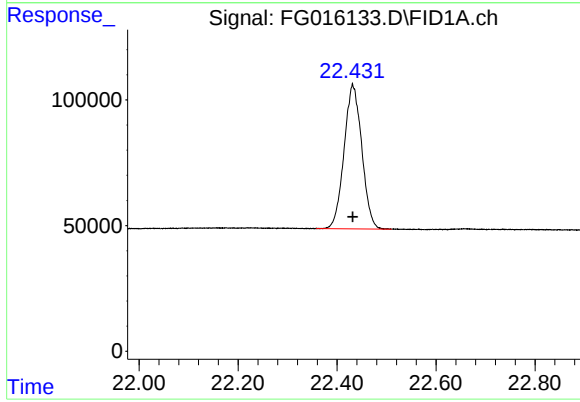
R.T.: 20.643 min  
Delta R.T.: 0.004 min  
Response: 1724350  
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.431 min  
Delta R.T.: 0.001 min  
Response: 1534166  
Conc: 20.32 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
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#22 n-Tetracontane (C40)

R.T.: 22.431 min  
Delta R.T.: 0.000 min  
Response: 1425796  
Conc: 20.62 ug/ml