

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG111924AL\  
 Data File : FG014881.D  
 Signal(s) : FID1A.ch  
 Acq On : 19 Nov 2024 19:27  
 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: Nov 20 00:38:09 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 111424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 14 16:33:02 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    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.944 | 2804781    | 19.008 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.02%       |
| 12) S 1-chlorooctadecane (S... | 13.384 | 2133889    | 19.202 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.40%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.318  | 2553455    | 18.807 ug/ml |
| 2) T n-Decane (C10)            | 4.568  | 2606697    | 18.798 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.271  | 2775611    | 18.709 ug/ml |
| 4) T n-Dodecane (C12)          | 6.737  | 2630227    | 18.766 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.369  | 2666620    | 18.681 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.569  | 2603362    | 18.778 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.180 | 2675145    | 18.880 ug/ml |
| 8) T n-Octadecane (C18)        | 11.626 | 2678085    | 19.027 ug/ml |
| 10) T n-Eicosane (C20)         | 12.938 | 2538342    | 19.131 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.553 | 2481812    | 19.117 ug/ml |
| 13) T n-Docosane (C22)         | 14.139 | 2440881    | 19.144 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.244 | 2385133    | 19.085 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.265 | 2294456    | 18.859 ug/ml |
| 16) T n-Octacosane (C28)       | 17.216 | 2206221    | 18.389 ug/ml |
| 17) T n-Tricontane (C30)       | 18.104 | 2210548    | 17.629 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.937 | 2120467    | 17.025 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.721 | 1850111    | 17.127 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.461 | 1599933    | 17.282 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.206 | 1526983    | 17.429 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.143 | 1507319    | 17.946 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

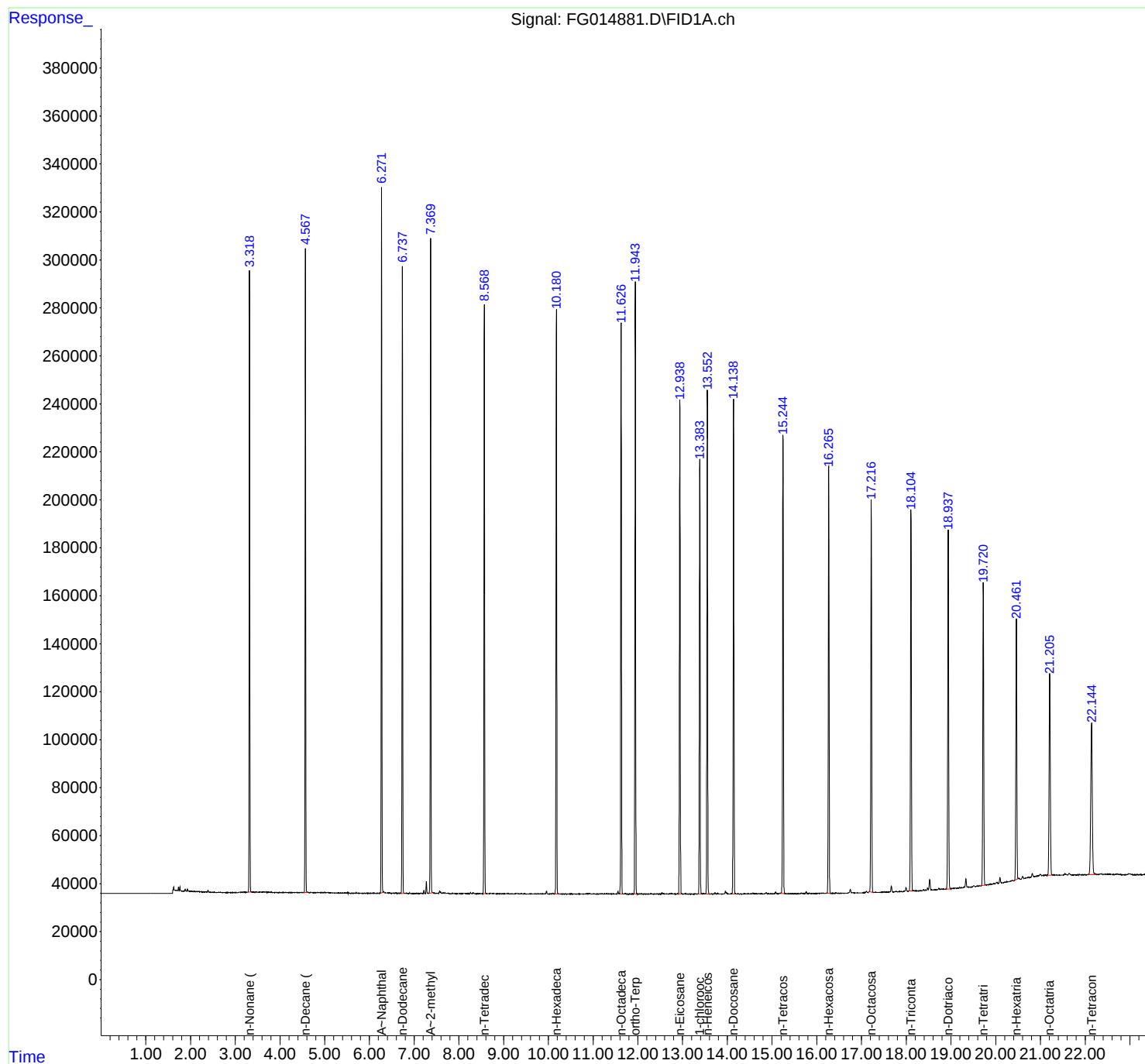
(m)=manual int.

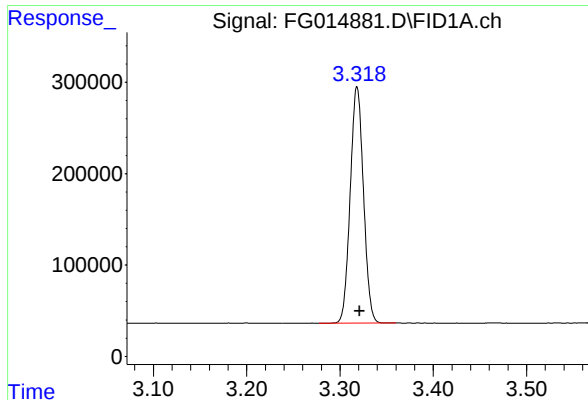
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG111924AL\  
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Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um

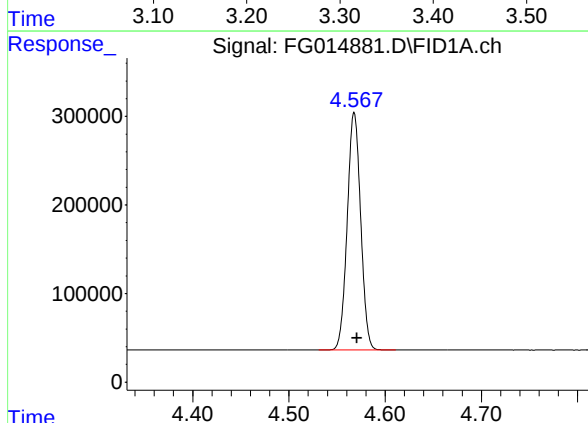




#1 n-Nonane (C9)

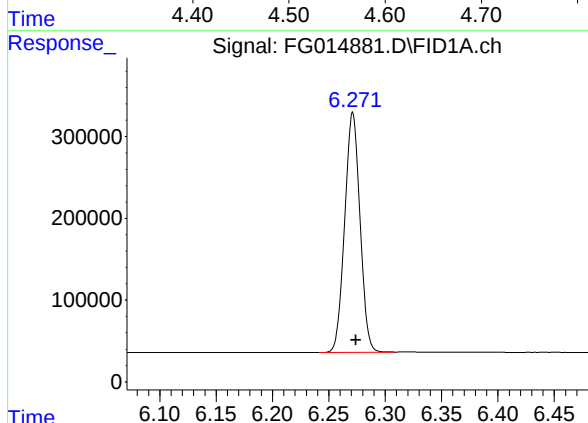
R.T.: 3.318 min  
Delta R.T.: -0.003 min  
Response: 2553455  
Conc: 18.81 ug/ml

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



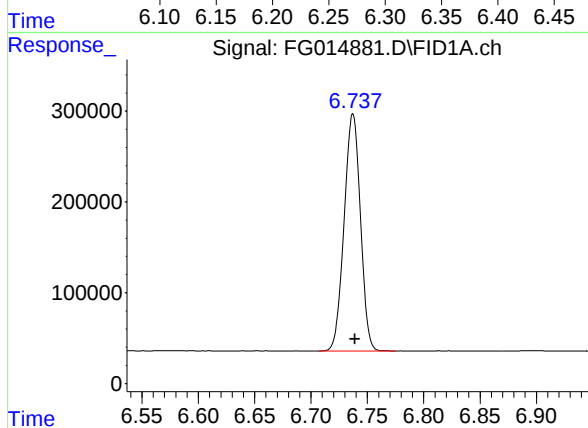
#2 n-Decane (C10)

R.T.: 4.568 min  
Delta R.T.: -0.003 min  
Response: 2606697  
Conc: 18.80 ug/ml



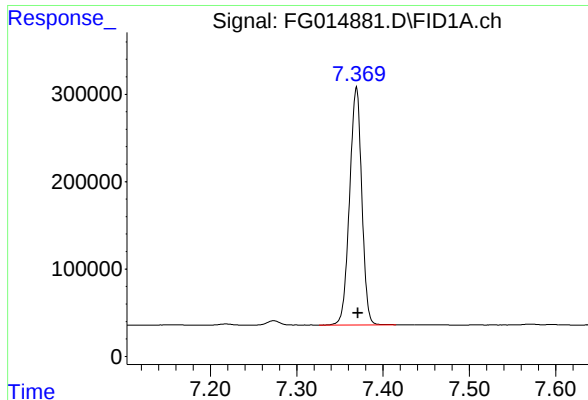
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min  
Delta R.T.: -0.003 min  
Response: 2775611  
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

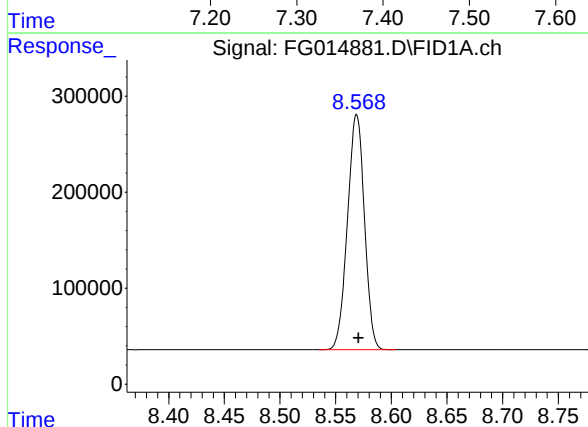
R.T.: 6.737 min  
Delta R.T.: -0.002 min  
Response: 2630227  
Conc: 18.77 ug/ml



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

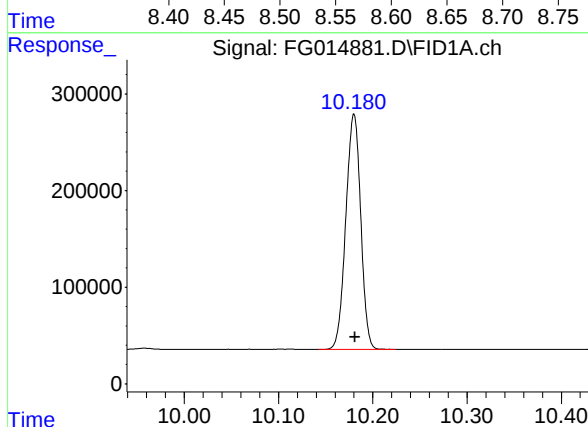
R.T.: 7.369 min  
Delta R.T.: -0.002 min  
Response: 2666620  
Conc: 18.68 ug/ml

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



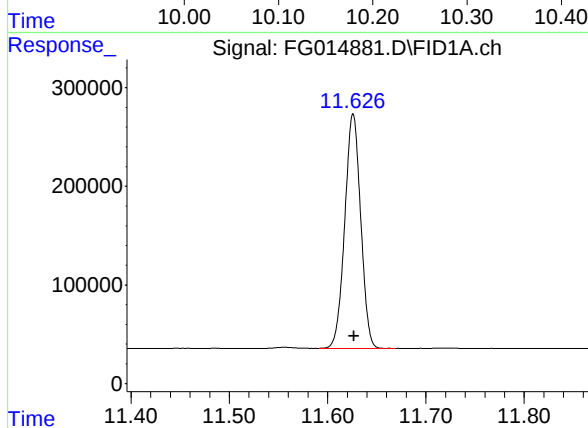
#6 n-Tetradecane (C14)

R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 2603362  
Conc: 18.78 ug/ml



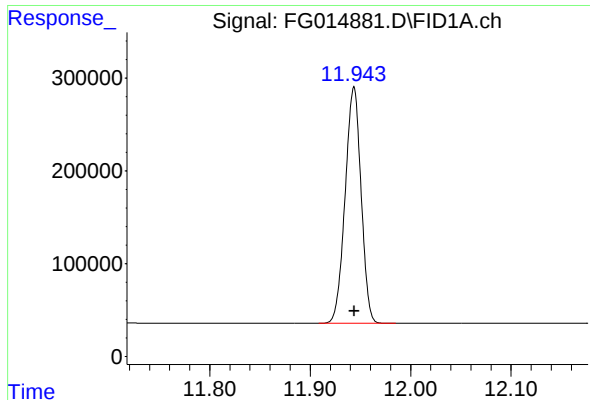
#7 n-Hexadecane (C16)

R.T.: 10.180 min  
Delta R.T.: -0.001 min  
Response: 2675145  
Conc: 18.88 ug/ml



#8 n-Octadecane (C18)

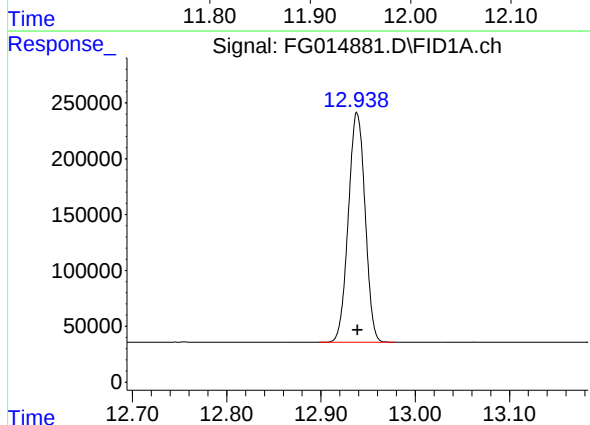
R.T.: 11.626 min  
Delta R.T.: 0.000 min  
Response: 2678085  
Conc: 19.03 ug/ml



#9 ortho-Terphenyl (SURR)

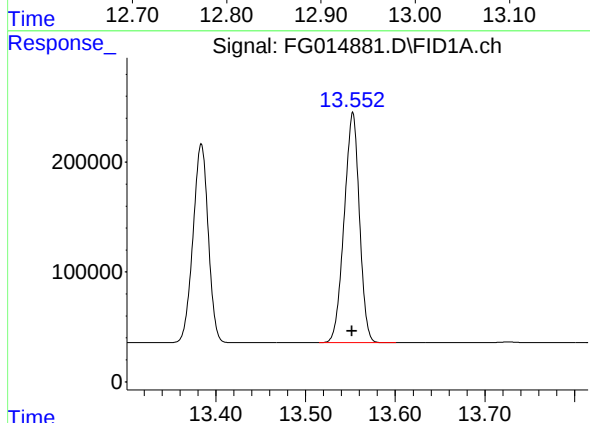
R.T.: 11.944 min  
Delta R.T.: 0.000 min  
Response: 2804781  
Conc: 19.01 ug/ml

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



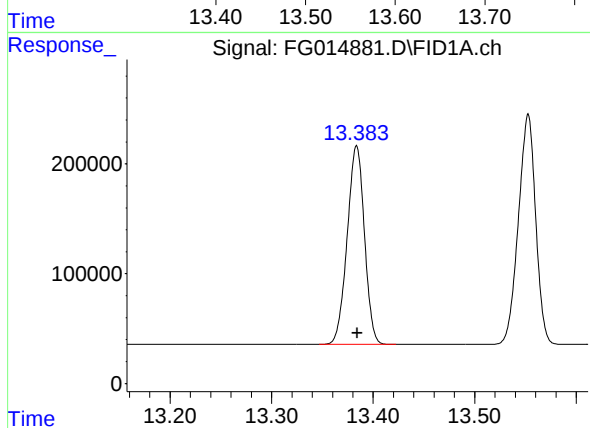
#10 n-Eicosane (C20)

R.T.: 12.938 min  
Delta R.T.: 0.000 min  
Response: 2538342  
Conc: 19.13 ug/ml



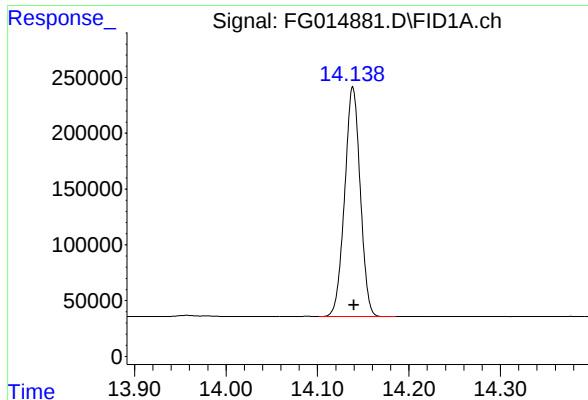
#11 n-Heneicosane (C21)

R.T.: 13.553 min  
Delta R.T.: 0.001 min  
Response: 2481812  
Conc: 19.12 ug/ml



#12 1-chlorooctadecane (SURR)

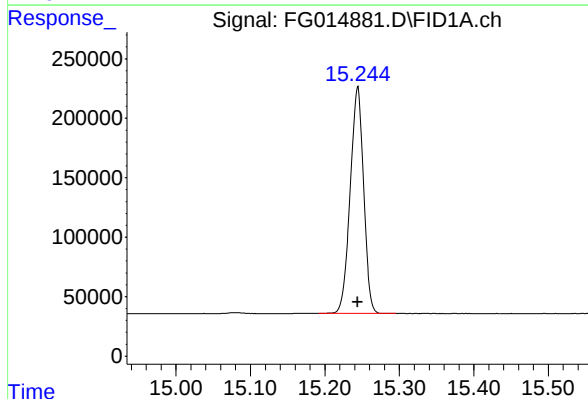
R.T.: 13.384 min  
Delta R.T.: 0.000 min  
Response: 2133889  
Conc: 19.20 ug/ml



#13 n-Docosane (C22)

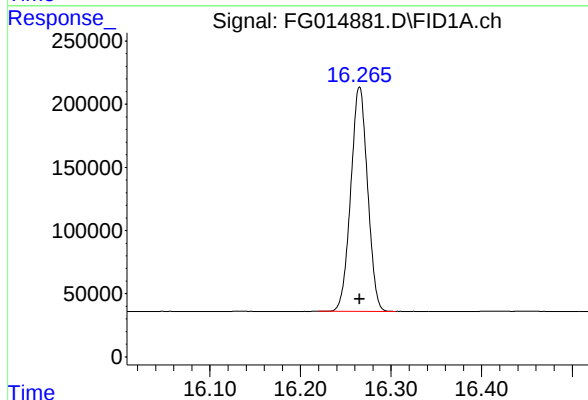
R.T.: 14.139 min  
Delta R.T.: -0.001 min  
Response: 2440881  
Conc: 19.14 ug/ml

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



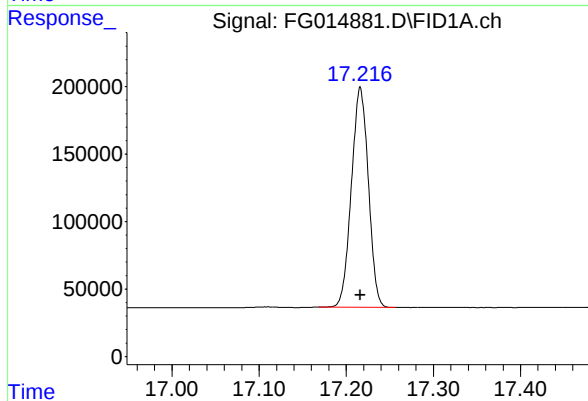
#14 n-Tetracosane (C24)

R.T.: 15.244 min  
Delta R.T.: 0.000 min  
Response: 2385133  
Conc: 19.09 ug/ml



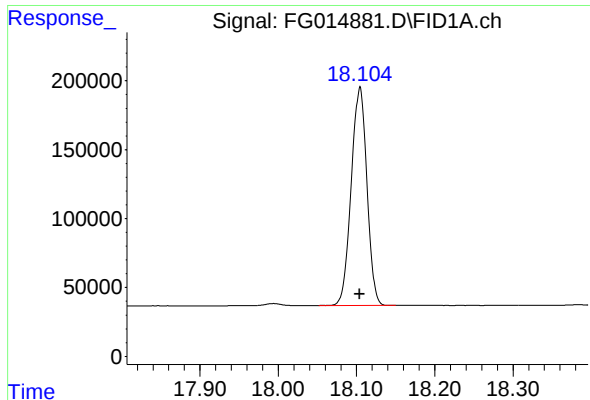
#15 n-Hexacosane (C26)

R.T.: 16.265 min  
Delta R.T.: 0.000 min  
Response: 2294456  
Conc: 18.86 ug/ml



#16 n-Octacosane (C28)

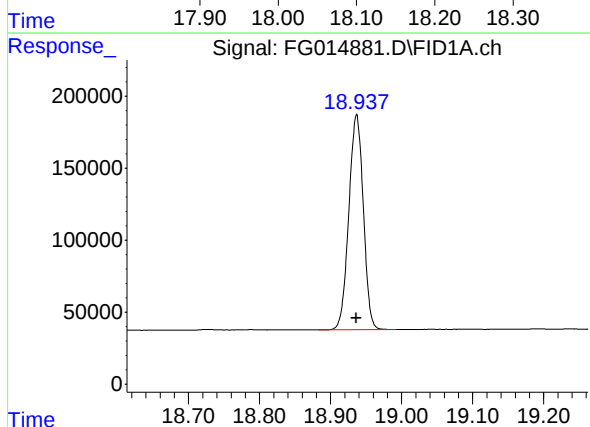
R.T.: 17.216 min  
Delta R.T.: 0.000 min  
Response: 2206221  
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

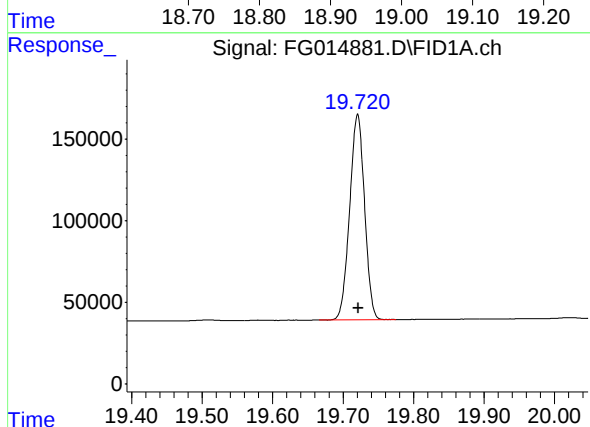
R.T.: 18.104 min  
Delta R.T.: 0.000 min  
Response: 2210548  
Conc: 17.63 ug/ml

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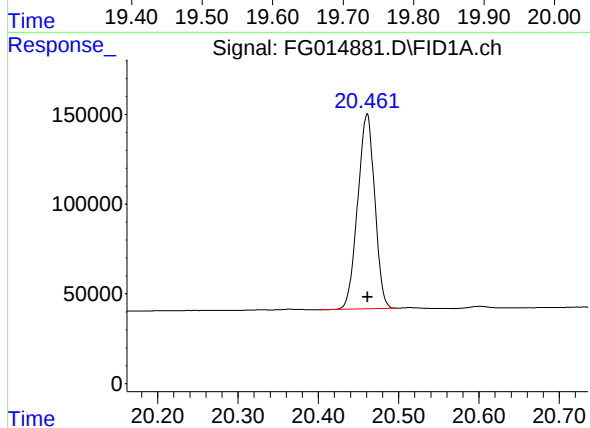
#18 n-Dotriacontane (C32)

R.T.: 18.937 min  
Delta R.T.: 0.000 min  
Response: 2120467  
Conc: 17.02 ug/ml



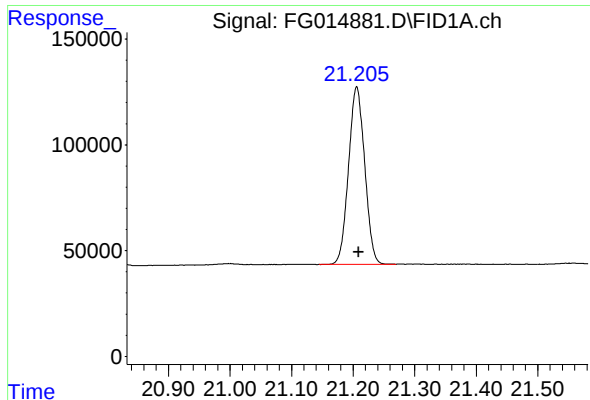
#19 n-Tetatriacontane (C34)

R.T.: 19.721 min  
Delta R.T.: 0.000 min  
Response: 1850111  
Conc: 17.13 ug/ml



#20 n-Hexatriacontane (C36)

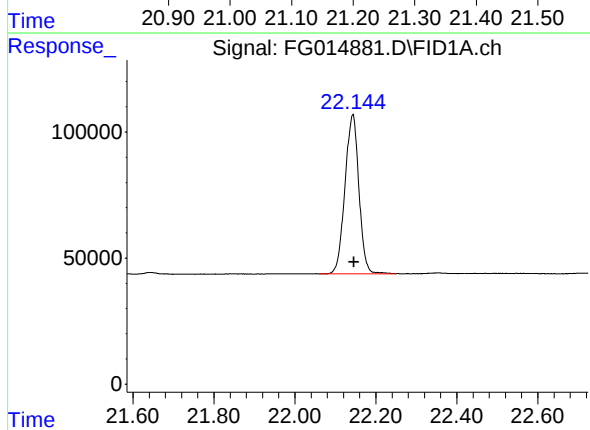
R.T.: 20.461 min  
Delta R.T.: 0.000 min  
Response: 1599933  
Conc: 17.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min  
Delta R.T.: -0.003 min  
Response: 1526983  
Conc: 17.43 ug/ml

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FID\_G  
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#22 n-Tetracontane (C40)

R.T.: 22.143 min  
Delta R.T.: -0.002 min  
Response: 1507319  
Conc: 17.95 ug/ml