

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG111124AL\  
 Data File : FG014723.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Nov 2024 09:35  
 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 11 20:49:09 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 102124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 06:49:54 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)    | 11.950 | 3258045    | 21.257 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.51%       |
| 12) S 1-chlorooctadecane (S... | 13.390 | 2471975    | 20.132 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.26%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.323  | 2767422    | 21.384 ug/ml |
| 2) T n-Decane (C10)            | 4.573  | 2866661    | 21.755 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.277  | 3060192    | 21.333 ug/ml |
| 4) T n-Dodecane (C12)          | 6.743  | 2924418    | 22.014 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.374  | 2969523    | 21.286 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.574  | 2934738    | 22.119 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.186 | 3053310    | 21.972 ug/ml |
| 8) T n-Octadecane (C18)        | 11.633 | 3103030    | 21.675 ug/ml |
| 10) T n-Eicosane (C20)         | 12.945 | 2993281    | 21.285 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.558 | 2920012    | 20.862 ug/ml |
| 13) T n-Docosane (C22)         | 14.145 | 2950188    | 20.972 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.250 | 3002778    | 21.102 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.271 | 2969014    | 21.034 ug/ml |
| 16) T n-Octacosane (C28)       | 17.222 | 2947057    | 21.324 ug/ml |
| 17) T n-Tricontane (C30)       | 18.111 | 3034181    | 21.891 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.943 | 2878010    | 21.982 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.727 | 2361833    | 21.101 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.466 | 1926880    | 20.702 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.215 | 1691223    | 20.242 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.154 | 1569519    | 20.640 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

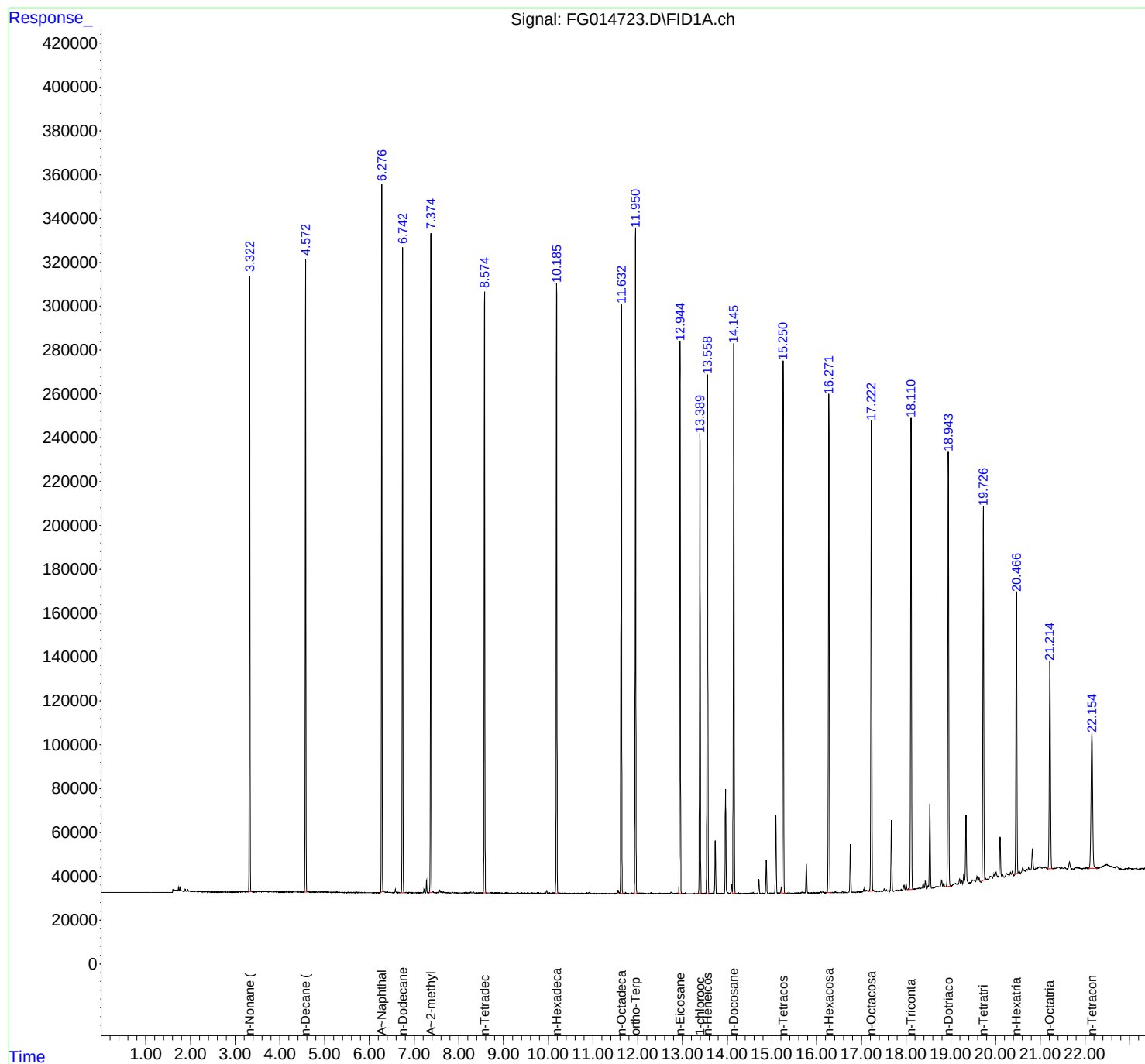
(m)=manual int.

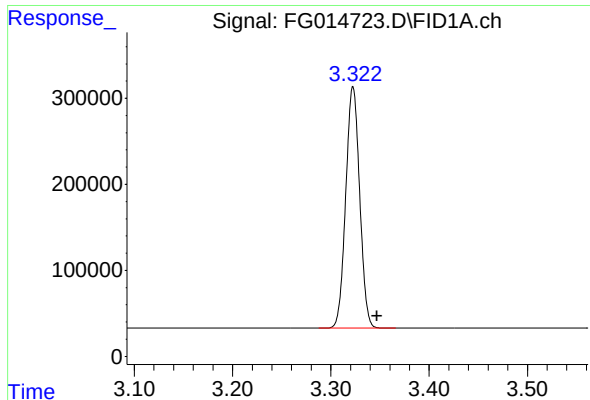
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG111124AL\  
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Signal(s) : FID1A.ch  
Acq On : 11 Nov 2024 09:35  
Operator : YP\AJ  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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Quant Title : GC Extractables  
QLast Update : Tue Oct 22 06:49:54 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

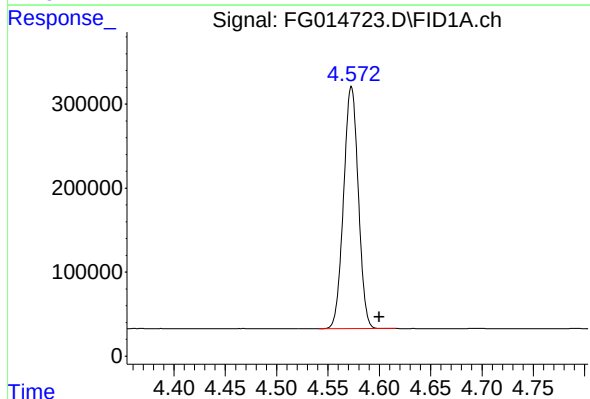




#1 n-Nonane (C9)

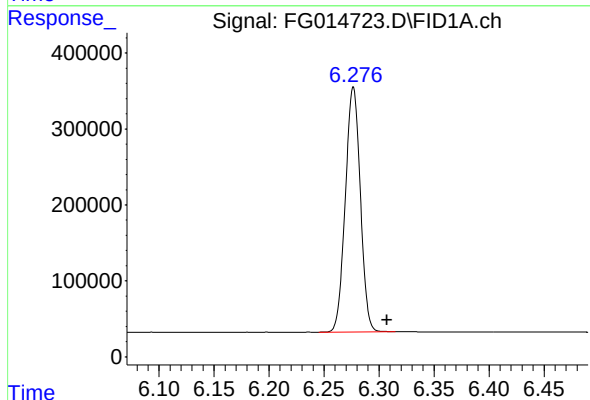
R.T.: 3.323 min  
Delta R.T.: -0.024 min  
Response: 2767422  
Conc: 21.38 ug/ml

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



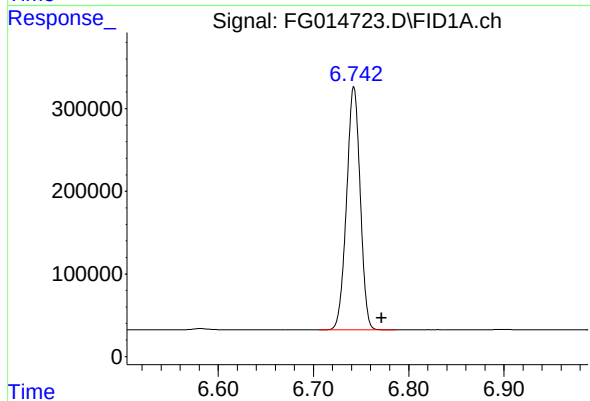
#2 n-Decane (C10)

R.T.: 4.573 min  
Delta R.T.: -0.027 min  
Response: 2866661  
Conc: 21.76 ug/ml



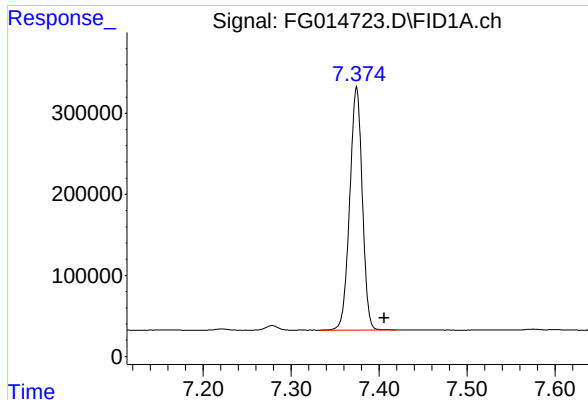
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min  
Delta R.T.: -0.030 min  
Response: 3060192  
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

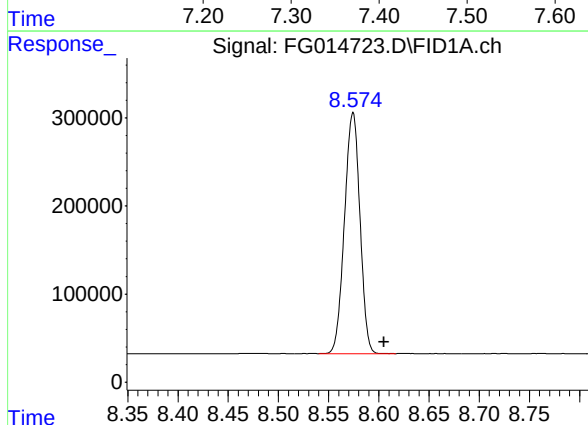
R.T.: 6.743 min  
Delta R.T.: -0.029 min  
Response: 2924418  
Conc: 22.01 ug/ml



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

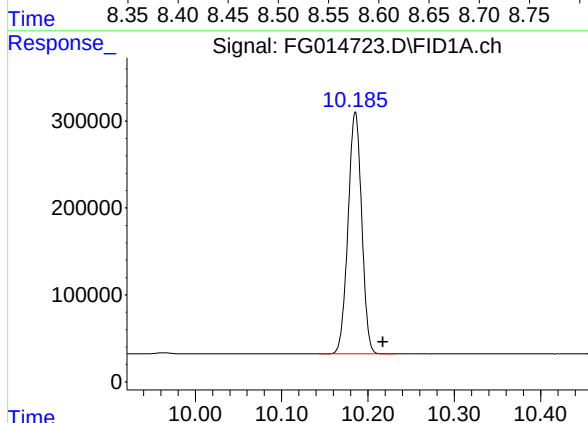
R.T.: 7.374 min  
Delta R.T.: -0.032 min  
Response: 2969523  
Conc: 21.29 ug/ml

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



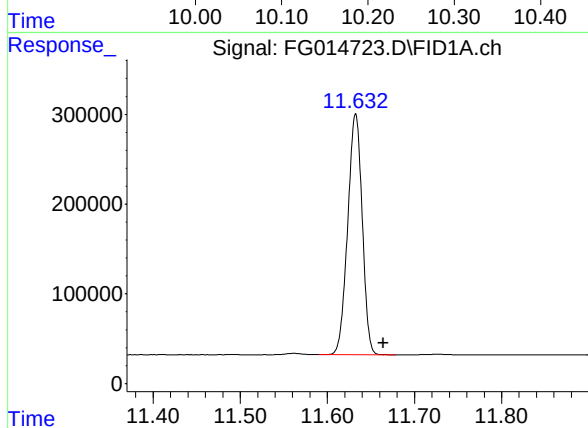
#6 n-Tetradecane (C14)

R.T.: 8.574 min  
Delta R.T.: -0.031 min  
Response: 2934738  
Conc: 22.12 ug/ml



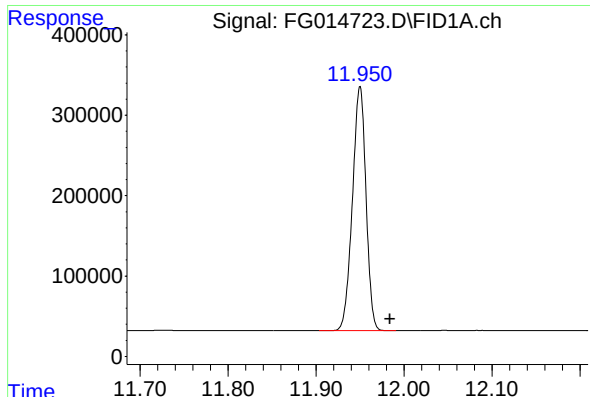
#7 n-Hexadecane (C16)

R.T.: 10.186 min  
Delta R.T.: -0.032 min  
Response: 3053310  
Conc: 21.97 ug/ml



#8 n-Octadecane (C18)

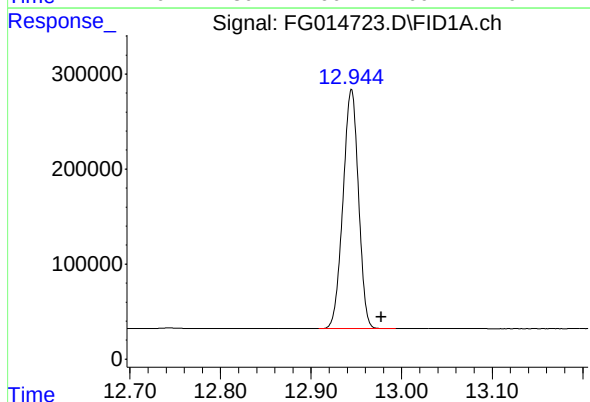
R.T.: 11.633 min  
Delta R.T.: -0.032 min  
Response: 3103030  
Conc: 21.68 ug/ml



#9 ortho-Terphenyl (SURR)

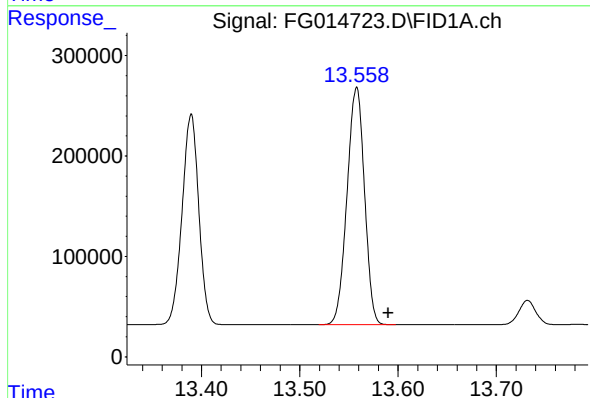
R.T.: 11.950 min  
Delta R.T.: -0.034 min  
Response: 3258045  
Conc: 21.26 ug/ml

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



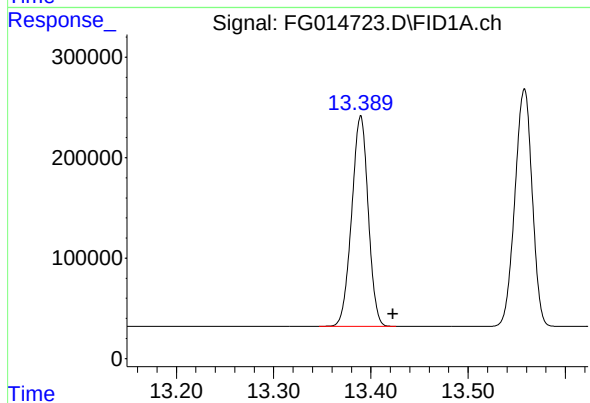
#10 n-Eicosane (C20)

R.T.: 12.945 min  
Delta R.T.: -0.033 min  
Response: 2993281  
Conc: 21.29 ug/ml



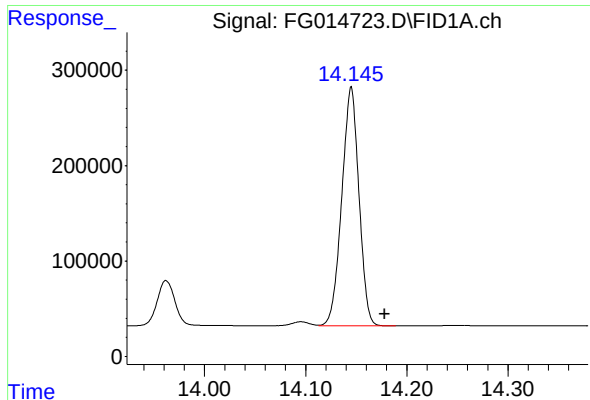
#11 n-Heneicosane (C21)

R.T.: 13.558 min  
Delta R.T.: -0.032 min  
Response: 2920012  
Conc: 20.86 ug/ml



#12 1-chlorooctadecane (SURR)

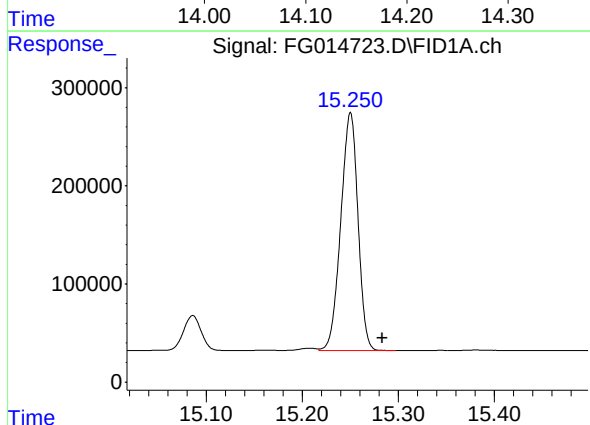
R.T.: 13.390 min  
Delta R.T.: -0.033 min  
Response: 2471975  
Conc: 20.13 ug/ml



#13 n-Docosane (C22)

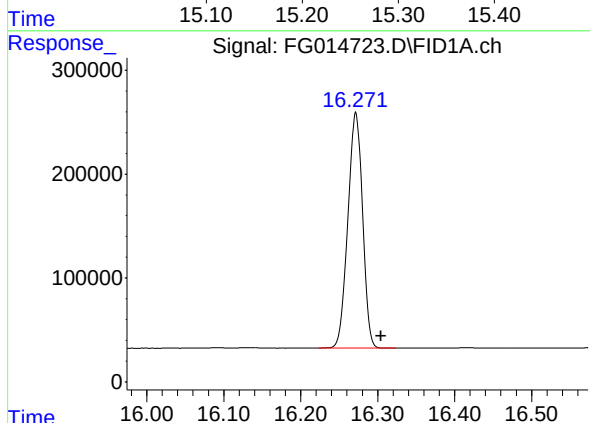
R.T.: 14.145 min  
Delta R.T.: -0.033 min  
Response: 2950188  
Conc: 20.97 ug/ml

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



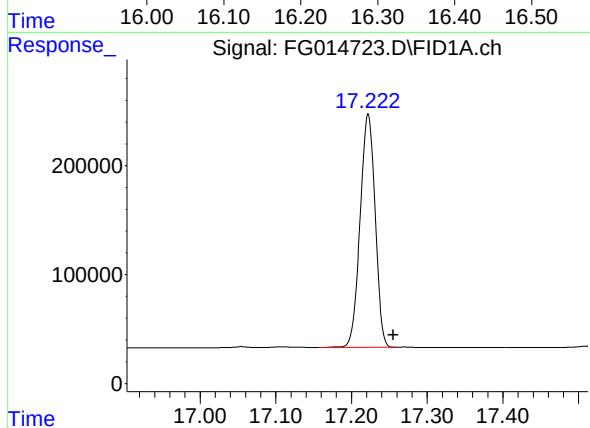
#14 n-Tetracosane (C24)

R.T.: 15.250 min  
Delta R.T.: -0.033 min  
Response: 3002778  
Conc: 21.10 ug/ml



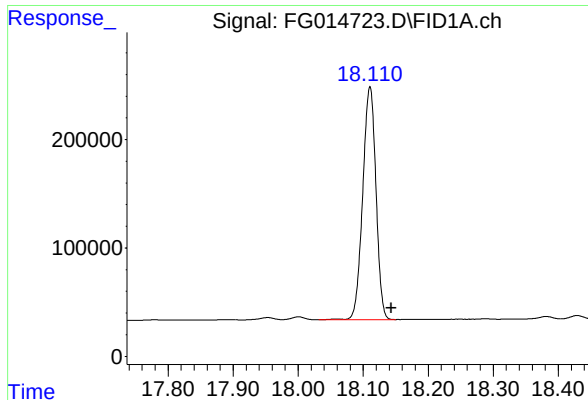
#15 n-Hexacosane (C26)

R.T.: 16.271 min  
Delta R.T.: -0.033 min  
Response: 2969014  
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

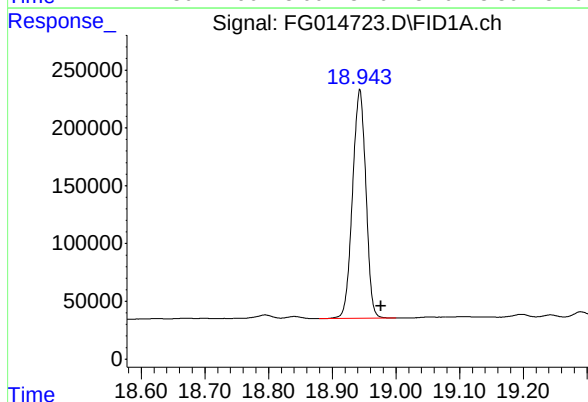
R.T.: 17.222 min  
Delta R.T.: -0.033 min  
Response: 2947057  
Conc: 21.32 ug/ml



#17 n-Tricontane (C30)

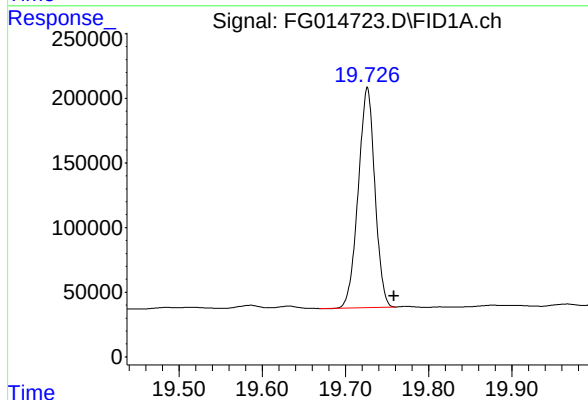
R.T.: 18.111 min  
Delta R.T.: -0.033 min  
Response: 3034181  
Conc: 21.89 ug/ml

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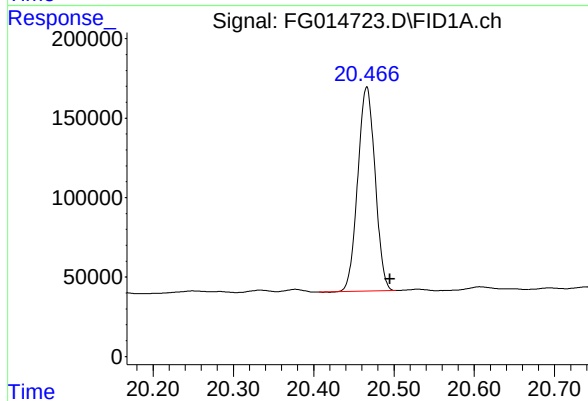
#18 n-Dotriacontane (C32)

R.T.: 18.943 min  
Delta R.T.: -0.033 min  
Response: 2878010  
Conc: 21.98 ug/ml



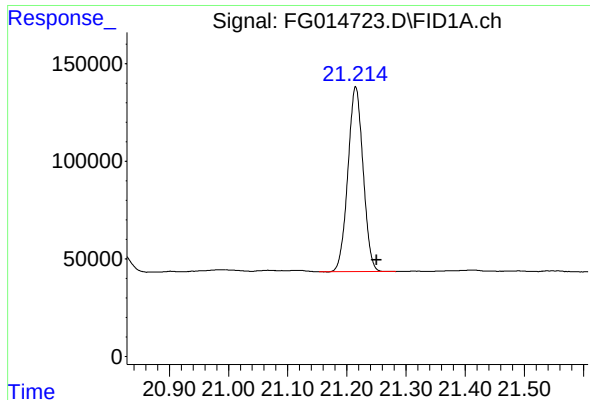
#19 n-Tetatriacontane (C34)

R.T.: 19.727 min  
Delta R.T.: -0.032 min  
Response: 2361833  
Conc: 21.10 ug/ml



#20 n-Hexatriacontane (C36)

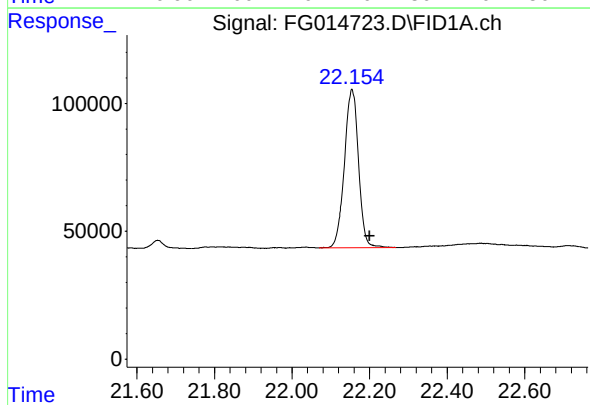
R.T.: 20.466 min  
Delta R.T.: -0.029 min  
Response: 1926880  
Conc: 20.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min  
Delta R.T.: -0.036 min  
Response: 1691223  
Conc: 20.24 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.154 min  
Delta R.T.: -0.046 min  
Response: 1569519  
Conc: 20.64 ug/ml