

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG050322AL\  
 Data File : FG009710.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 May 2022 13:51  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

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

Integration File: sample.E  
 Quant Time: May 03 14:19:26 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH FG050322.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 03 14:00:27 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    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 10.834 | 3018734    | 19.694 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.39%       |
| 12) S 1-chlorooctadecane (S... | 12.286 | 2407510    | 19.784 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.57%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.666  | 2517682    | 19.836 ug/ml |
| 2) T n-Decane (C10)            | 3.677  | 2474381    | 20.026 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.237  | 2794427    | 20.061 ug/ml |
| 4) T n-Dodecane (C12)          | 5.675  | 2554230    | 20.000 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.291  | 2761892    | 20.070 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.473  | 2599099    | 20.326 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.080  | 2669552    | 20.062 ug/ml |
| 8) T n-Octadecane (C18)        | 10.526 | 2724375    | 19.698 ug/ml |
| 10) T n-Eicosane (C20)         | 11.842 | 2737048    | 19.657 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.456 | 2767828    | 19.635 ug/ml |
| 13) T n-Docosane (C22)         | 13.045 | 2781618    | 19.674 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.154 | 2803708    | 19.673 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.178 | 2817006    | 19.767 ug/ml |
| 16) T n-Octacosane (C28)       | 16.132 | 2818385    | 19.827 ug/ml |
| 17) T n-Tricontane (C30)       | 17.023 | 2776227    | 19.842 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.859 | 2627662    | 19.949 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.645 | 2385723    | 20.335 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.387 | 2113648    | 21.133 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.124 | 1843467    | 21.260 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.031 | 1707233    | 21.402 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

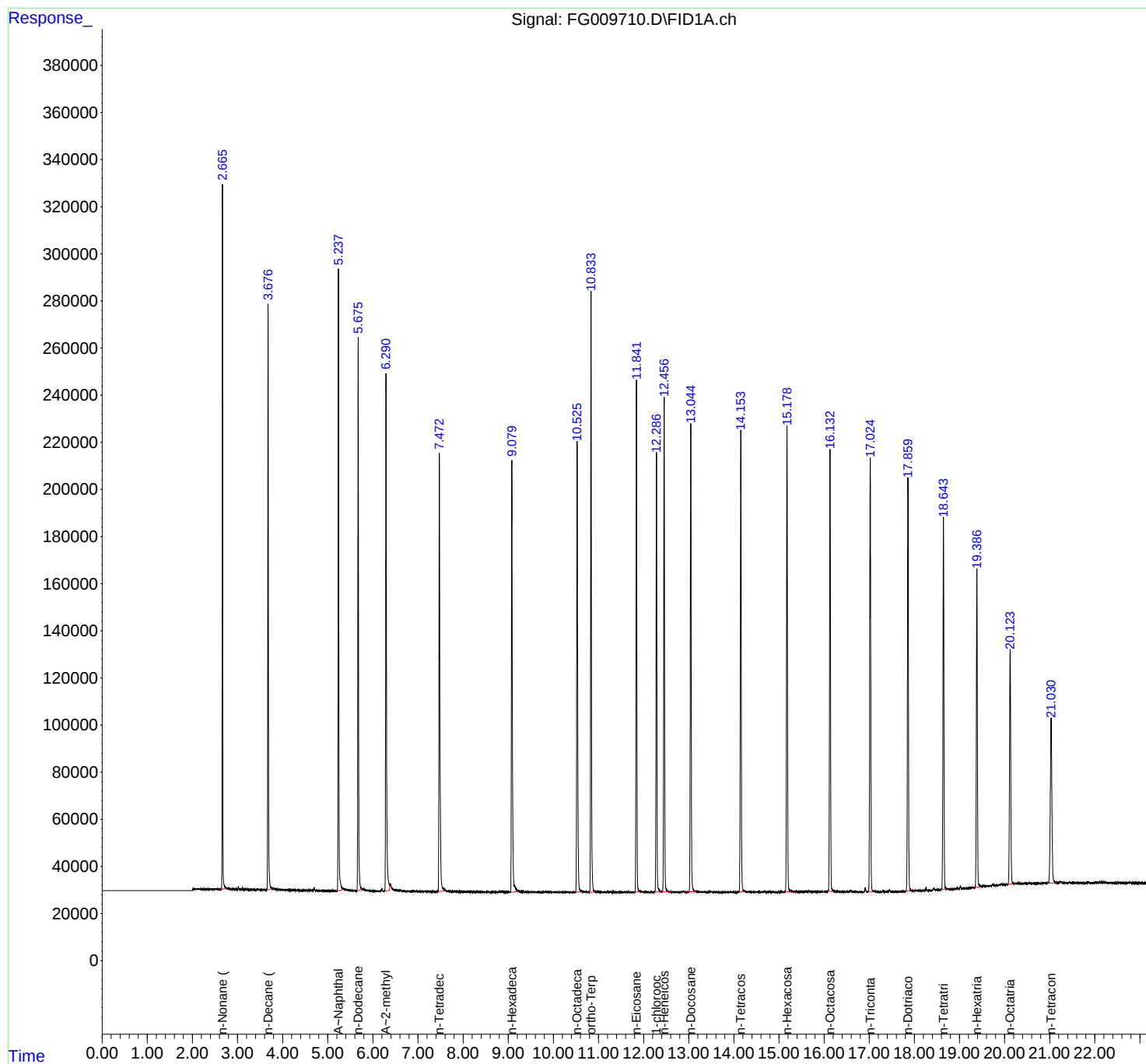
(m)=manual int.

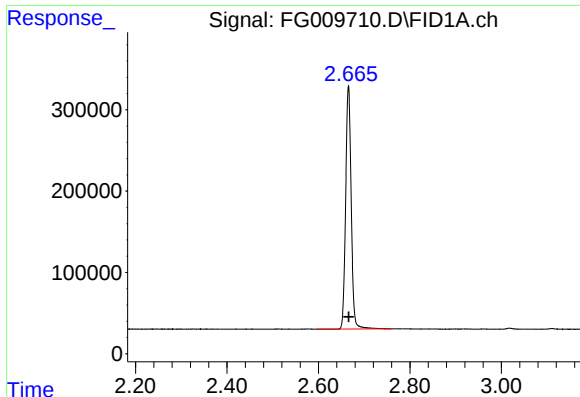
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG050322AL\  
Data File : FG009710.D  
Signal(s) : FID1A.ch  
Acq On : 03 May 2022 13:51  
Operator : AJ\MA  
Sample : 20 PPM ALIPHATIC HC STD ICV  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

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Quant Time: May 03 14:19:26 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH FG050322.M  
Quant Title : GC Extractables  
QLast Update : Tue May 03 14:00:27 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

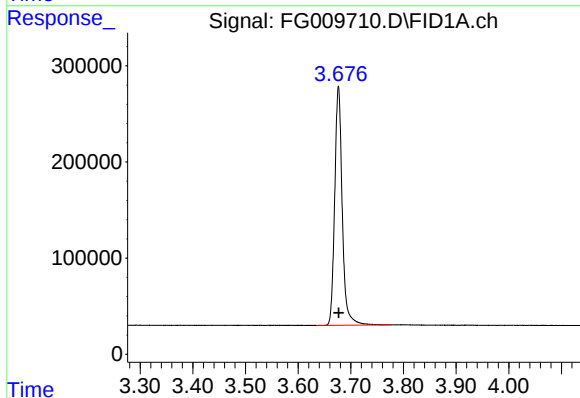
R.T.: 2.666 min  
Delta R.T.: 0.000 min  
Response: 2517682  
Conc: 19.84 ug/ml

Instrument :

FID\_G

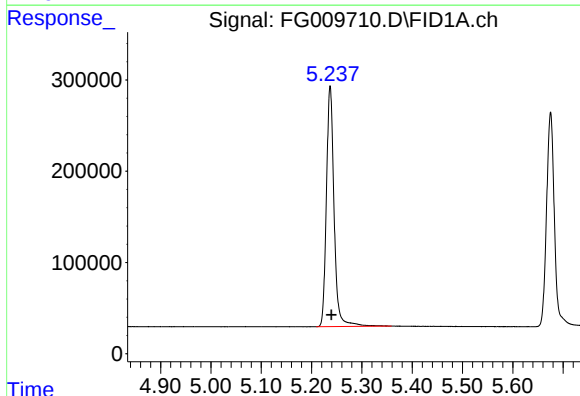
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



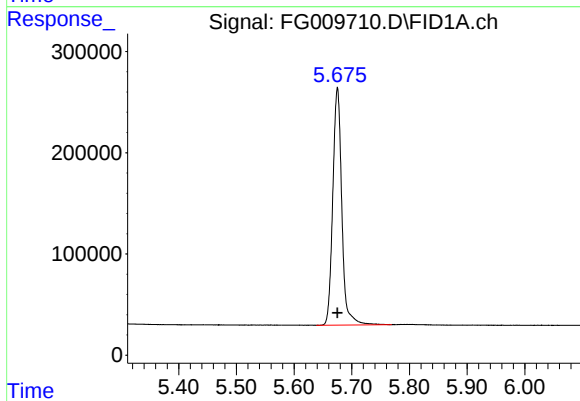
#2 n-Decane (C10)

R.T.: 3.677 min  
Delta R.T.: 0.000 min  
Response: 2474381  
Conc: 20.03 ug/ml



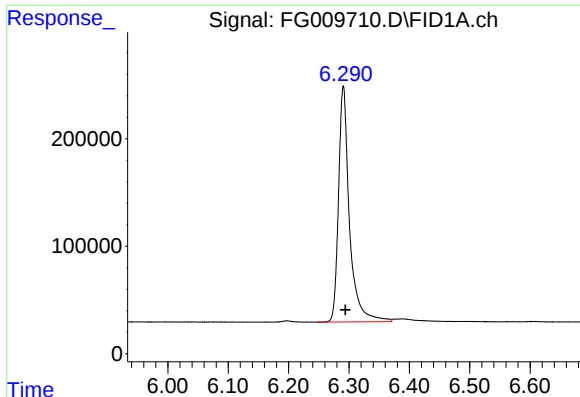
#3 A~Naphthalene (C11.7)

R.T.: 5.237 min  
Delta R.T.: -0.003 min  
Response: 2794427  
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

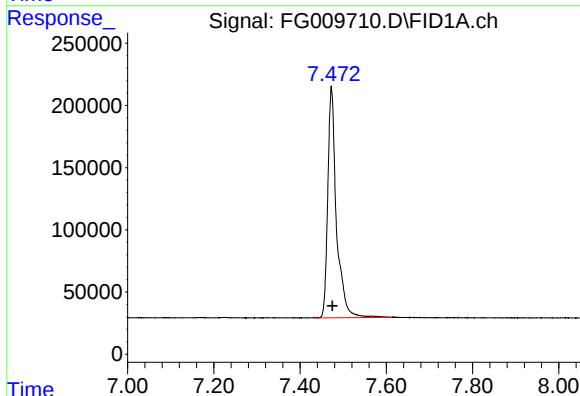
R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 2554230  
Conc: 20.00 ug/ml



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

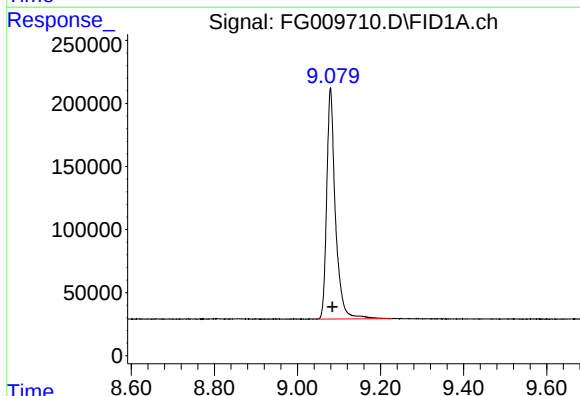
R.T.: 6.291 min  
Delta R.T.: -0.003 min  
Response: 2761892  
Conc: 20.07 ug/ml

Instrument :  
FID\_G  
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20 PPM ALIPHATIC HC STD ICV



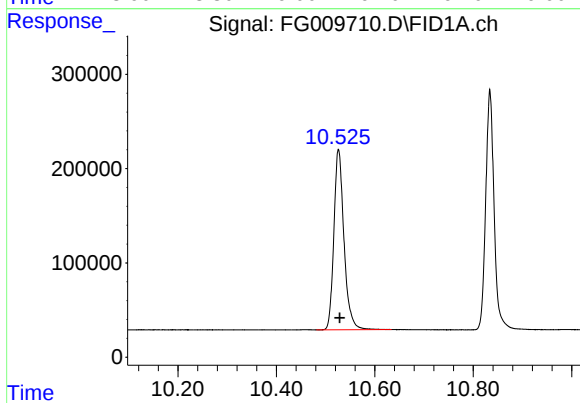
#6 n-Tetradecane (C14)

R.T.: 7.473 min  
Delta R.T.: -0.002 min  
Response: 2599099  
Conc: 20.33 ug/ml



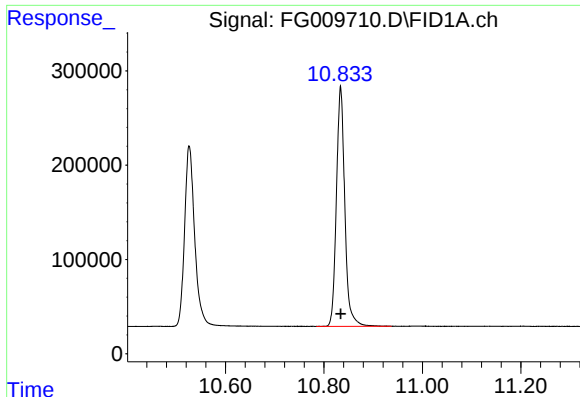
#7 n-Hexadecane (C16)

R.T.: 9.080 min  
Delta R.T.: -0.004 min  
Response: 2669552  
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

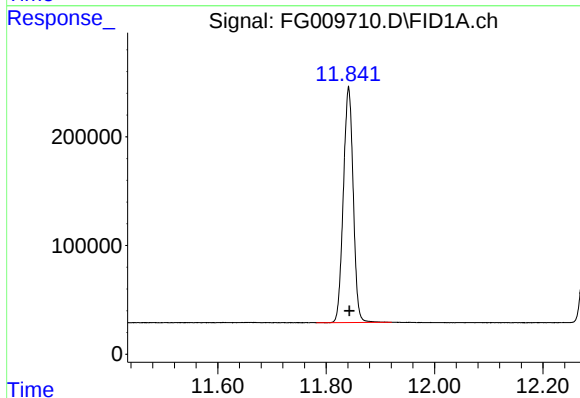
R.T.: 10.526 min  
Delta R.T.: -0.003 min  
Response: 2724375  
Conc: 19.70 ug/ml



#9 ortho-Terphenyl (SURR)

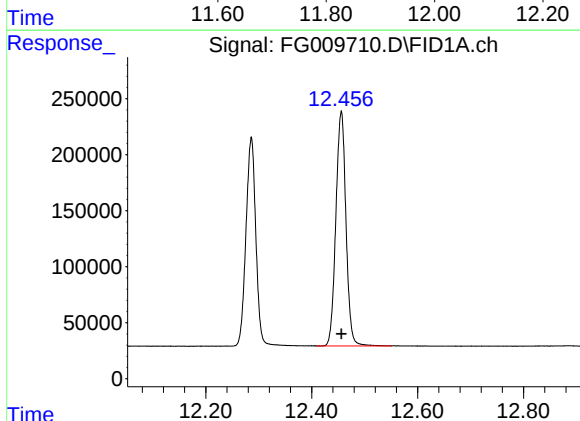
R.T.: 10.834 min  
Delta R.T.: 0.000 min  
Response: 3018734  
Conc: 19.69 ug/ml

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



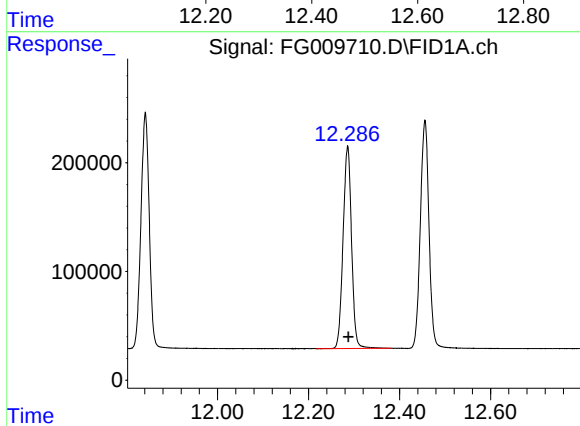
#10 n-Eicosane (C20)

R.T.: 11.842 min  
Delta R.T.: -0.001 min  
Response: 2737048  
Conc: 19.66 ug/ml



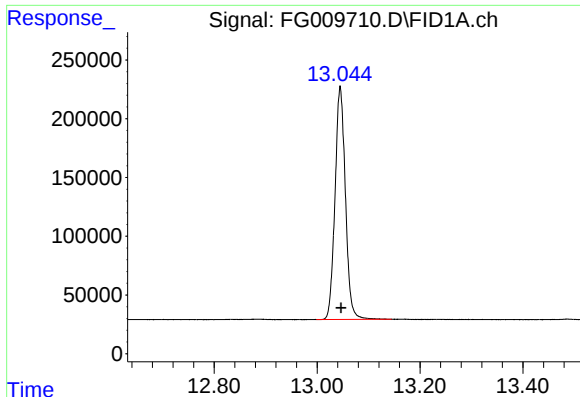
#11 n-Heneicosane (C21)

R.T.: 12.456 min  
Delta R.T.: 0.000 min  
Response: 2767828  
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.286 min  
Delta R.T.: -0.001 min  
Response: 2407510  
Conc: 19.78 ug/ml



#13 n-Docosane (C22)

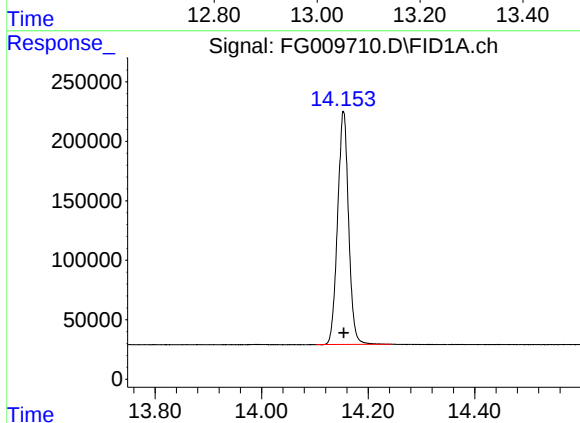
R.T.: 13.045 min  
Delta R.T.: -0.002 min  
Response: 2781618  
Conc: 19.67 ug/ml

Instrument :

FID\_G

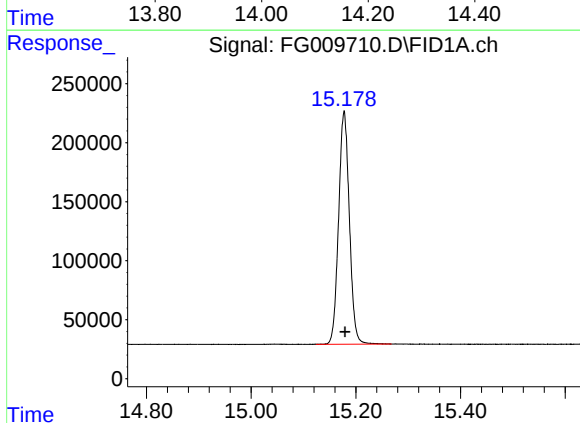
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



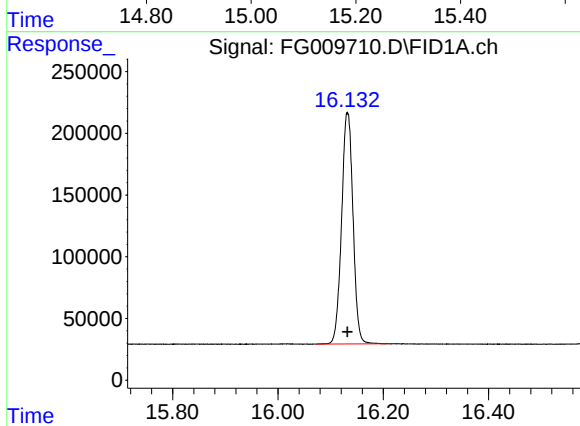
#14 n-Tetracosane (C24)

R.T.: 14.154 min  
Delta R.T.: 0.000 min  
Response: 2803708  
Conc: 19.67 ug/ml



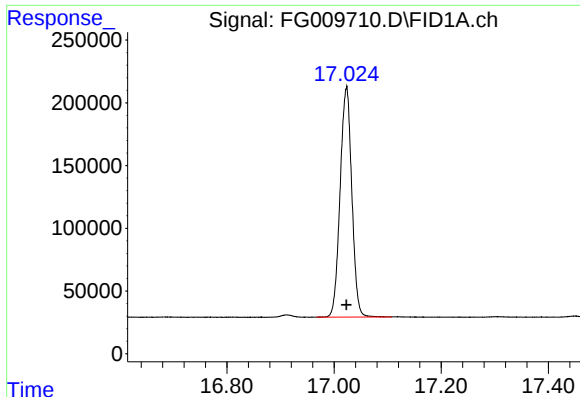
#15 n-Hexacosane (C26)

R.T.: 15.178 min  
Delta R.T.: -0.002 min  
Response: 2817006  
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.132 min  
Delta R.T.: 0.000 min  
Response: 2818385  
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

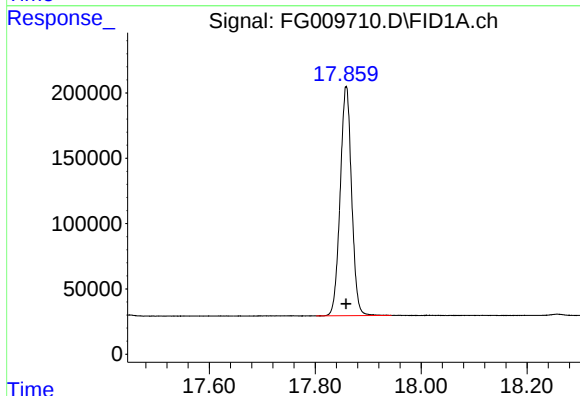
R.T.: 17.023 min  
Delta R.T.: 0.000 min  
Response: 2776227  
Conc: 19.84 ug/ml

Instrument :

FID\_G

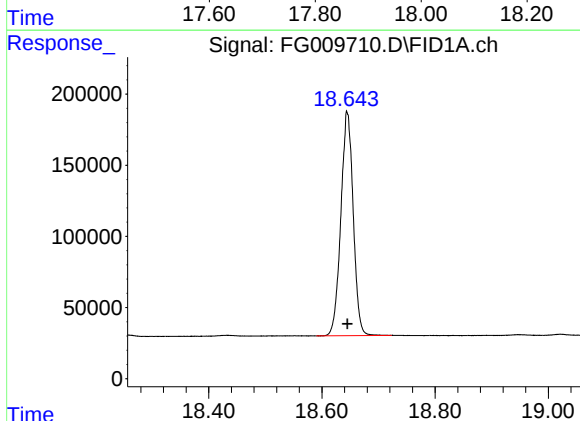
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



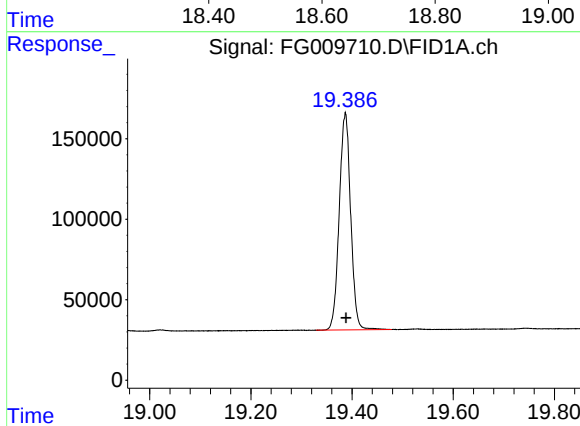
#18 n-Dotriacontane (C32)

R.T.: 17.859 min  
Delta R.T.: 0.000 min  
Response: 2627662  
Conc: 19.95 ug/ml



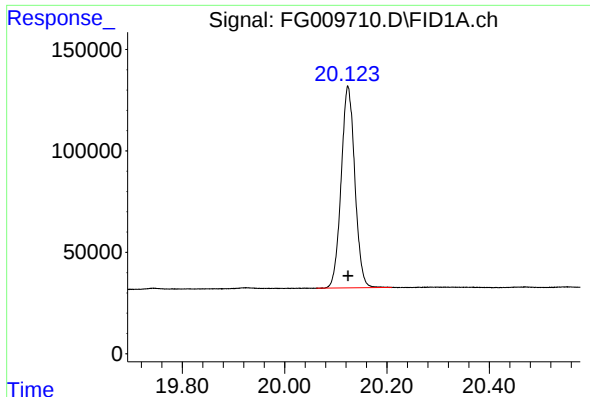
#19 n-Tetratriacontane (C34)

R.T.: 18.645 min  
Delta R.T.: 0.000 min  
Response: 2385723  
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

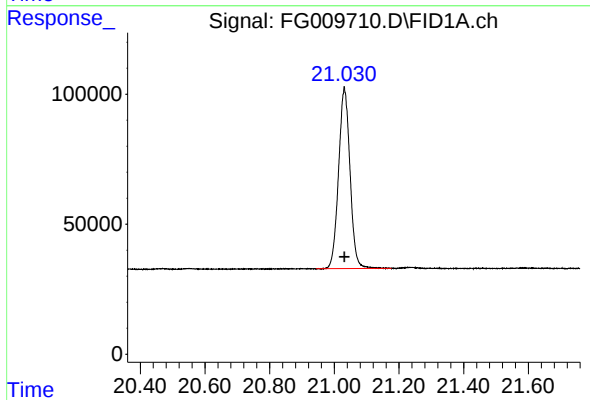
R.T.: 19.387 min  
Delta R.T.: -0.001 min  
Response: 2113648  
Conc: 21.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.124 min  
Delta R.T.: 0.000 min  
Response: 1843467  
Conc: 21.26 ug/ml

Instrument :  
FID\_G  
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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.031 min  
Delta R.T.: 0.000 min  
Response: 1707233  
Conc: 21.40 ug/ml