

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022525AL\  
 Data File : FC068302.D  
 Signal(s) : FID1A.ch  
 Acq On : 25 Feb 2025 19:26  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 05 04:26:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 021125.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 05 03:08:52 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)    | 11.398 | 3018319    | 19.670 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.34%       |
| 12) S 1-chlorooctadecane (S... | 12.840 | 2203488    | 19.591 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.18%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.205  | 2821214    | 20.055 ug/ml |
| 2) T n-Decane (C10)            | 4.262  | 2861843    | 20.201 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.829  | 3090929    | 20.198 ug/ml |
| 4) T n-Dodecane (C12)          | 6.271  | 2830875    | 20.112 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.881  | 2921837    | 20.175 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.060  | 2737289    | 20.076 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.655  | 2755967    | 20.122 ug/ml |
| 8) T n-Octadecane (C18)        | 11.094 | 2739998    | 20.035 ug/ml |
| 10) T n-Eicosane (C20)         | 12.399 | 2595773    | 19.924 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.010 | 2544573    | 19.903 ug/ml |
| 13) T n-Docosane (C22)         | 13.594 | 2508336    | 19.903 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.694 | 2485129    | 19.981 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.715 | 2444010    | 20.100 ug/ml |
| 16) T n-Octacosane (C28)       | 16.663 | 2407040    | 20.267 ug/ml |
| 17) T n-Tricontane (C30)       | 17.550 | 2463447    | 20.466 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.382 | 2401044    | 20.687 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.163 | 2175223    | 20.130 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.904 | 1905099    | 19.810 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.616 | 1808938    | 20.122 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.469 | 1744750    | 20.166 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

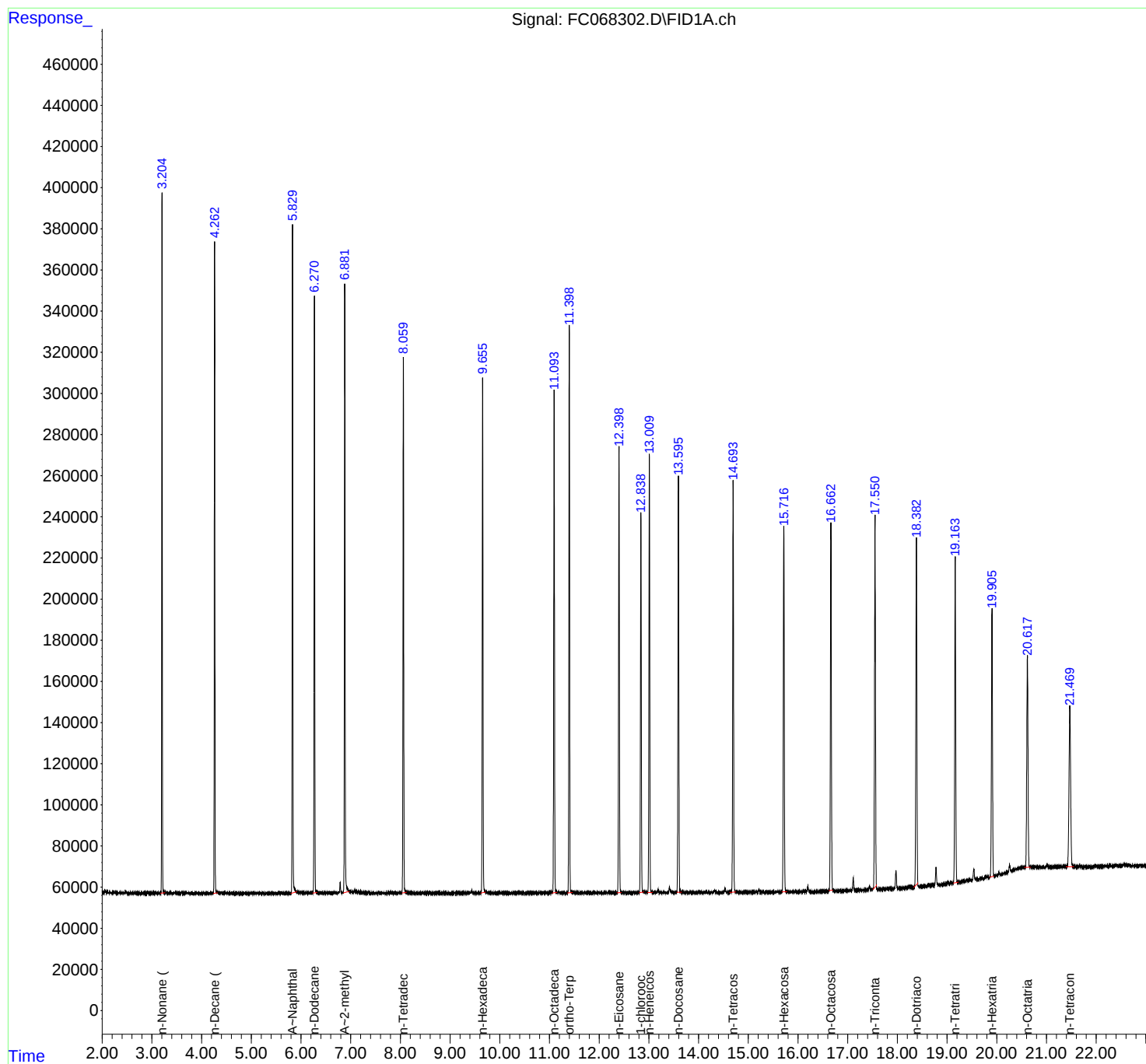
(m)=manual int.

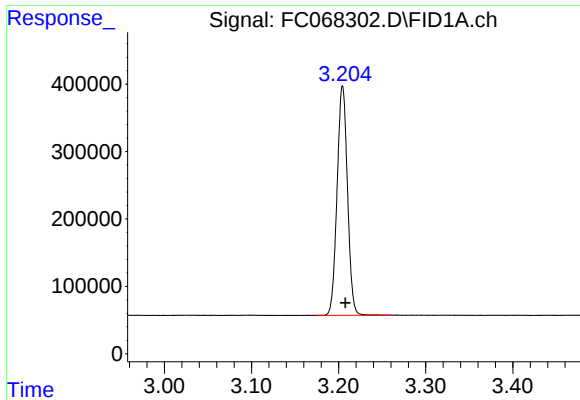
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022525AL\  
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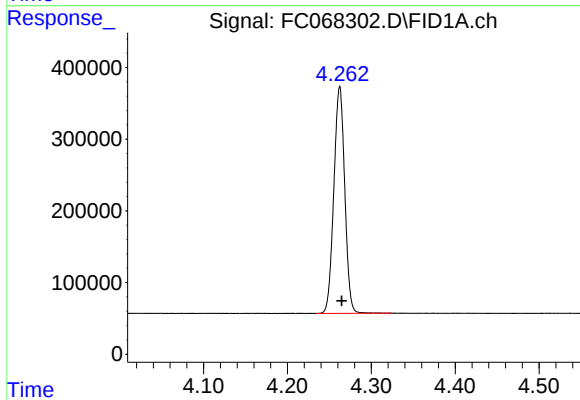




#1 n-Nonane (C9)

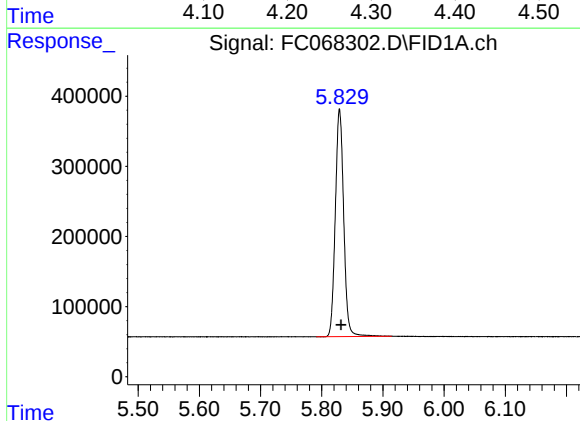
R.T.: 3.205 min  
Delta R.T.: -0.003 min  
Response: 2821214  
Conc: 20.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



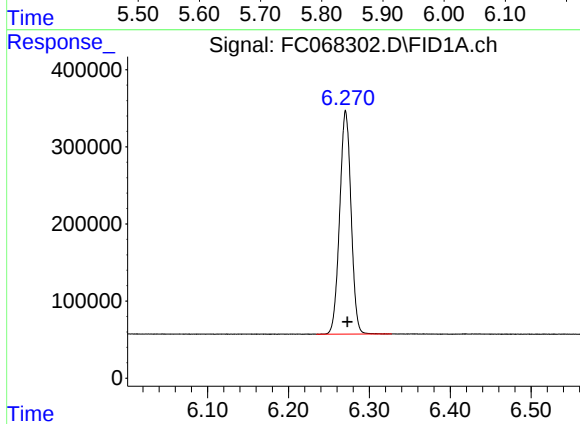
#2 n-Decane (C10)

R.T.: 4.262 min  
Delta R.T.: -0.003 min  
Response: 2861843  
Conc: 20.20 ug/ml



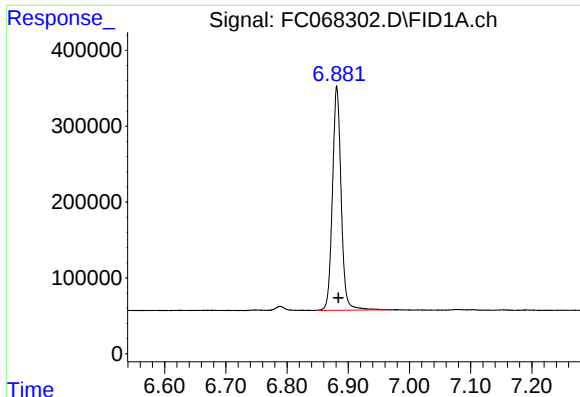
#3 A~Naphthalene (C11.7)

R.T.: 5.829 min  
Delta R.T.: -0.002 min  
Response: 3090929  
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

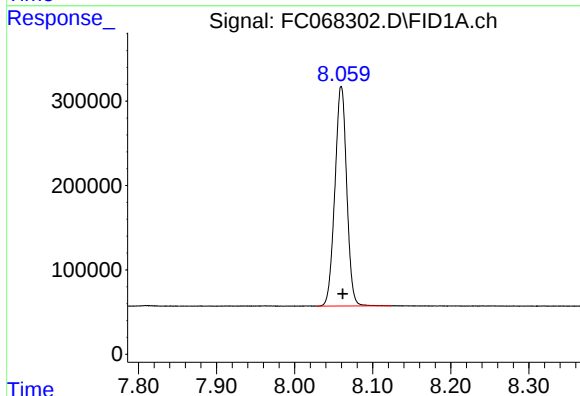
R.T.: 6.271 min  
Delta R.T.: -0.002 min  
Response: 2830875  
Conc: 20.11 ug/ml



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

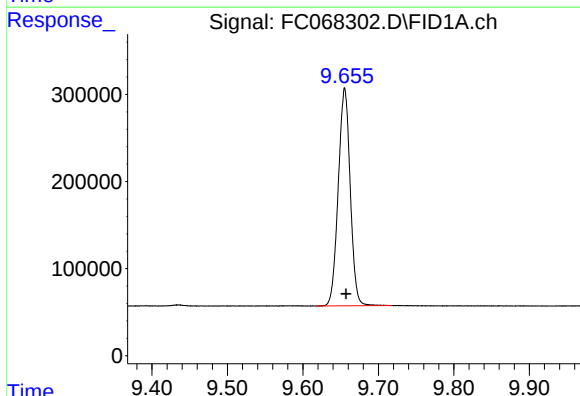
R.T.: 6.881 min  
Delta R.T.: -0.003 min  
Response: 2921837  
Conc: 20.17 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



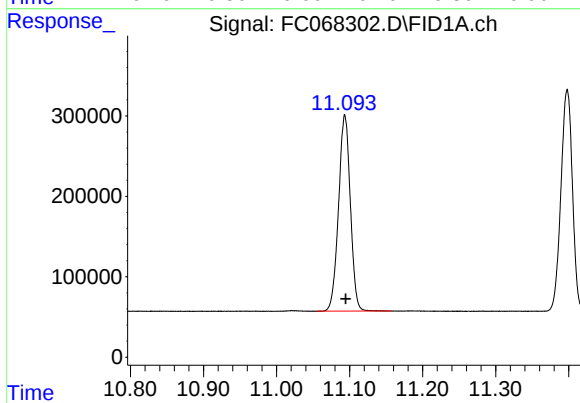
#6 n-Tetradecane (C14)

R.T.: 8.060 min  
Delta R.T.: -0.002 min  
Response: 2737289  
Conc: 20.08 ug/ml



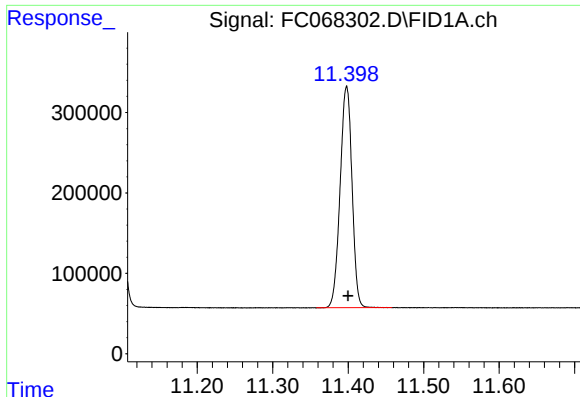
#7 n-Hexadecane (C16)

R.T.: 9.655 min  
Delta R.T.: -0.002 min  
Response: 2755967  
Conc: 20.12 ug/ml



#8 n-Octadecane (C18)

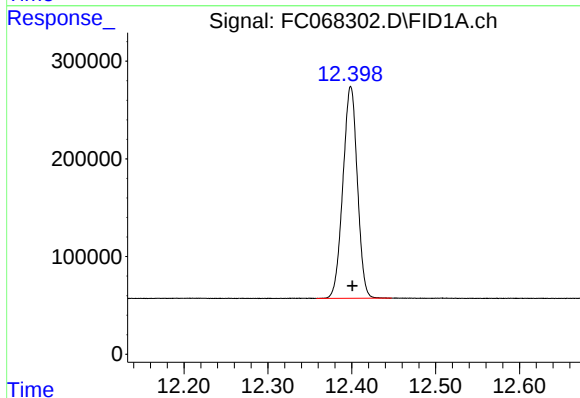
R.T.: 11.094 min  
Delta R.T.: -0.001 min  
Response: 2739998  
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

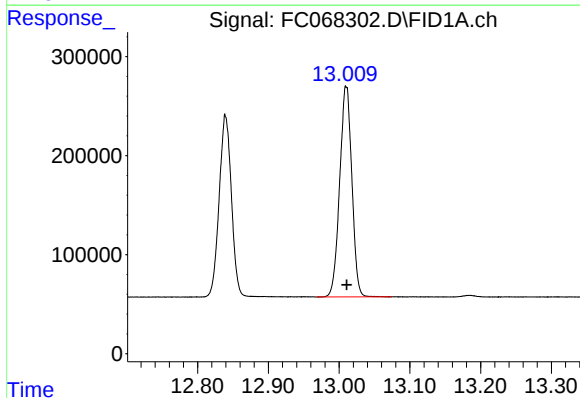
R.T.: 11.398 min  
Delta R.T.: -0.002 min  
Response: 3018319  
Conc: 19.67 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



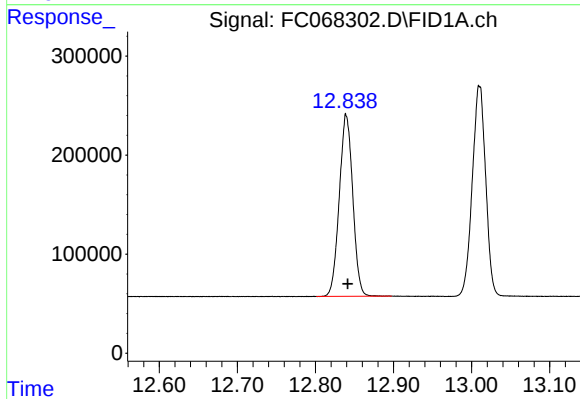
#10 n-Eicosane (C20)

R.T.: 12.399 min  
Delta R.T.: -0.002 min  
Response: 2595773  
Conc: 19.92 ug/ml



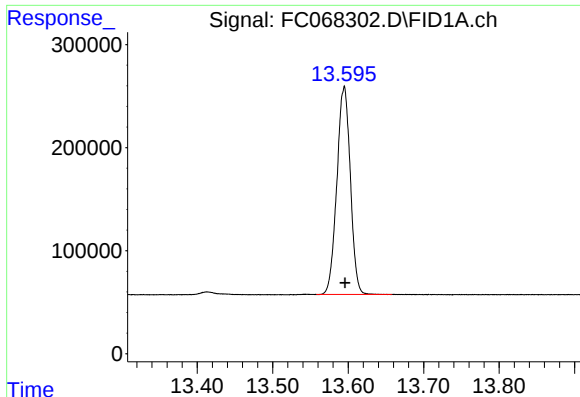
#11 n-Heneicosane (C21)

R.T.: 13.010 min  
Delta R.T.: 0.000 min  
Response: 2544573  
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

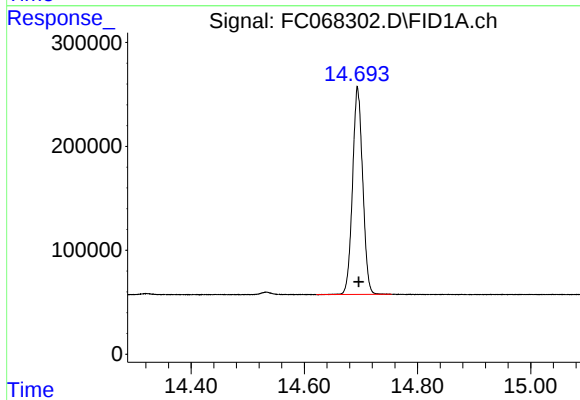
R.T.: 12.840 min  
Delta R.T.: -0.002 min  
Response: 2203488  
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

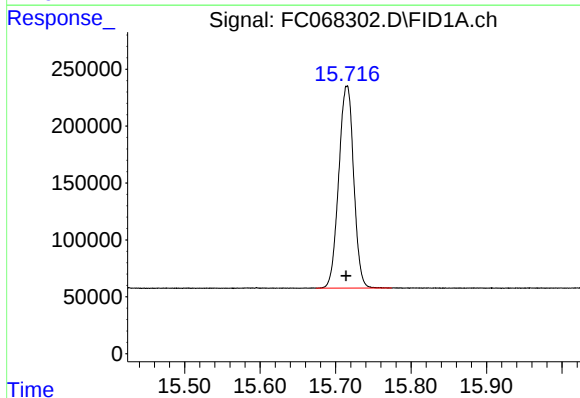
R.T.: 13.594 min  
Delta R.T.: -0.001 min  
Response: 2508336  
Conc: 19.90 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



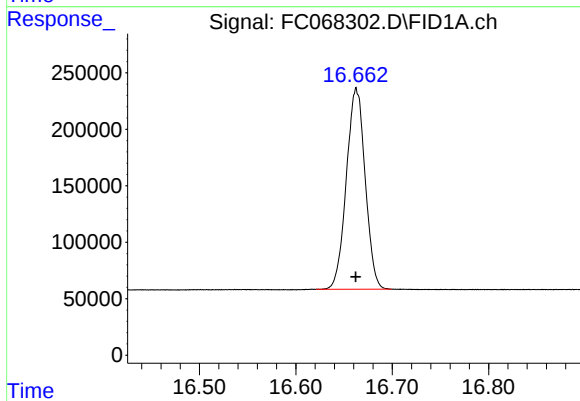
#14 n-Tetracosane (C24)

R.T.: 14.694 min  
Delta R.T.: -0.002 min  
Response: 2485129  
Conc: 19.98 ug/ml



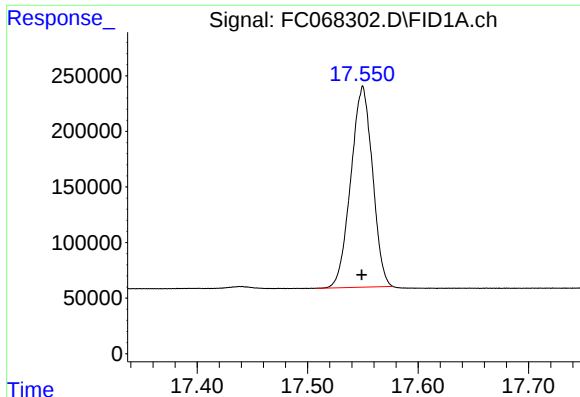
#15 n-Hexacosane (C26)

R.T.: 15.715 min  
Delta R.T.: 0.000 min  
Response: 2444010  
Conc: 20.10 ug/ml



#16 n-Octacosane (C28)

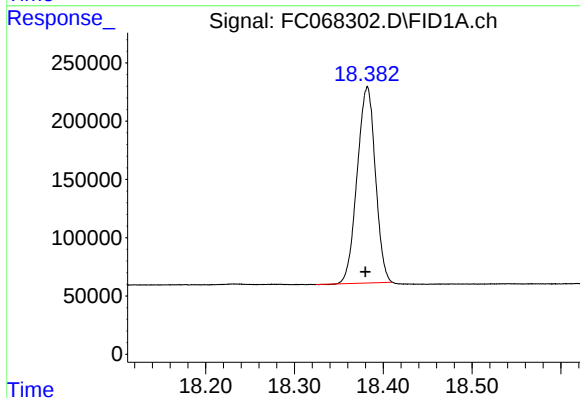
R.T.: 16.663 min  
Delta R.T.: 0.000 min  
Response: 2407040  
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

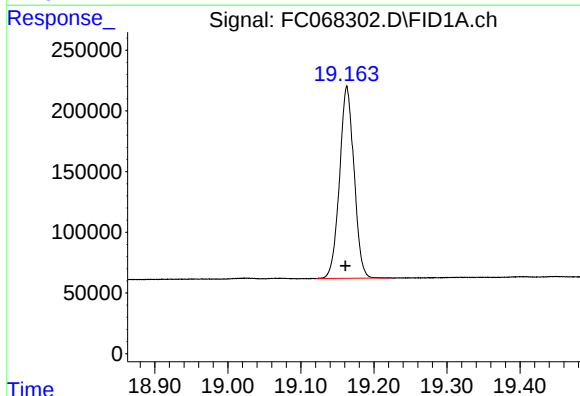
R.T.: 17.550 min  
Delta R.T.: 0.000 min  
Response: 2463447  
Conc: 20.47 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



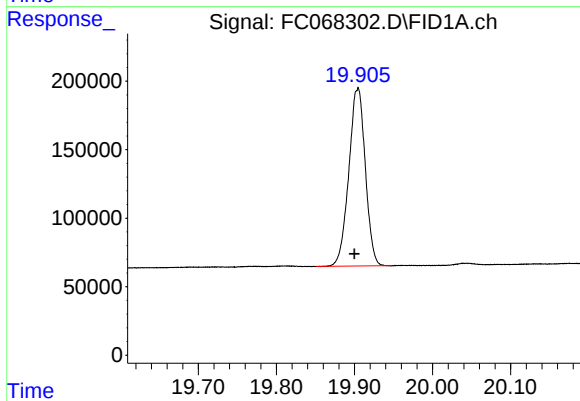
#18 n-Dotriacontane (C32)

R.T.: 18.382 min  
Delta R.T.: 0.002 min  
Response: 2401044  
Conc: 20.69 ug/ml



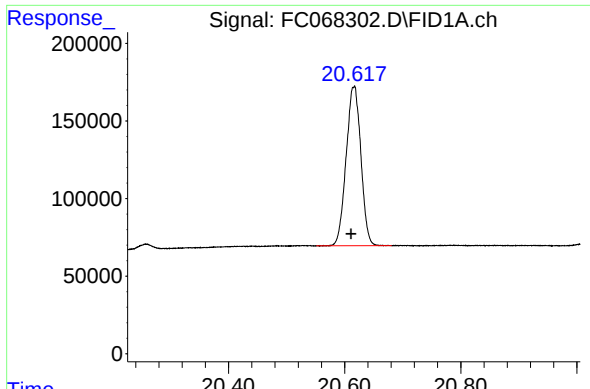
#19 n-Tetratriacontane (C34)

R.T.: 19.163 min  
Delta R.T.: 0.002 min  
Response: 2175223  
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

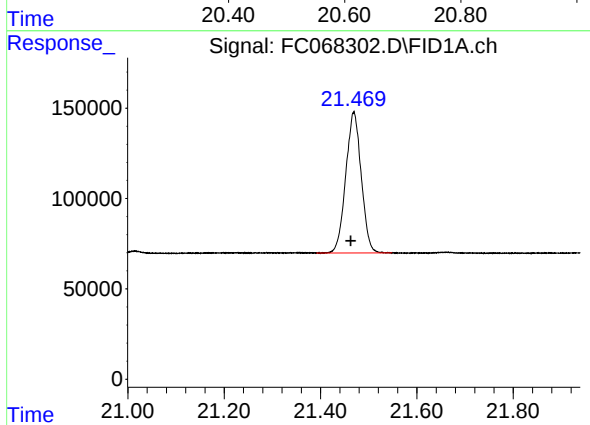
R.T.: 19.904 min  
Delta R.T.: 0.004 min  
Response: 1905099  
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.616 min  
Delta R.T.: 0.005 min  
Response: 1808938  
Conc: 20.12 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.469 min  
Delta R.T.: 0.006 min  
Response: 1744750  
Conc: 20.17 ug/ml