

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100622AL\  
 Data File : FC061706.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Oct 2022 12:36  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 07 03:53:49 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092022.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 20 18:33:32 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)    | 11.582 | 3438002    | 20.117 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.23%       |
| 12) S 1-chlorooctadecane (S... | 13.019 | 2691014    | 19.699 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.40%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.336  | 2997233    | 20.079 ug/ml |
| 2) T n-Decane (C10)            | 4.405  | 3082555    | 20.436 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.990  | 3362743    | 20.278 ug/ml |
| 4) T n-Dodecane (C12)          | 6.423  | 3134216    | 20.612 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.046  | 3315902    | 20.158 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.220  | 3162217    | 20.741 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.823  | 3209636    | 20.757 ug/ml |
| 8) T n-Octadecane (C18)        | 11.265 | 3254455    | 20.644 ug/ml |
| 10) T n-Eicosane (C20)         | 12.575 | 3265732    | 20.493 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.187 | 3221479    | 20.079 ug/ml |
| 13) T n-Docosane (C22)         | 13.773 | 3299543    | 20.537 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.876 | 3338541    | 20.841 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.898 | 3337719    | 21.054 ug/ml |
| 16) T n-Octacosane (C28)       | 16.846 | 3314707    | 21.386 ug/ml |
| 17) T n-Tricontane (C30)       | 17.735 | 3331433    | 21.648 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.567 | 3160907    | 20.905 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.350 | 2809012    | 19.811 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.088 | 2633967    | 19.079 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.825 | 2486977    | 19.204 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.738 | 2364146    | 19.346 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

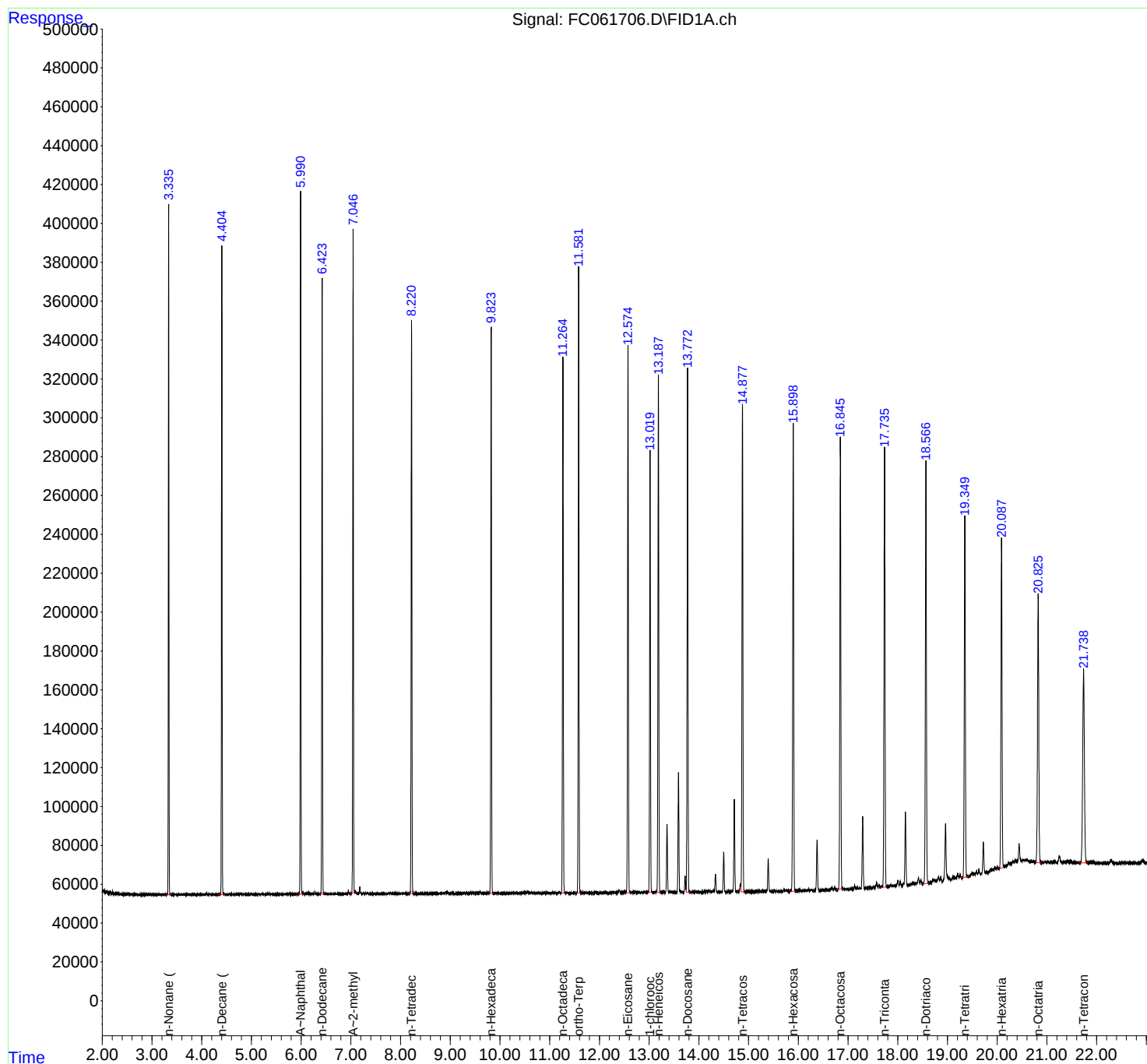
(m)=manual int.

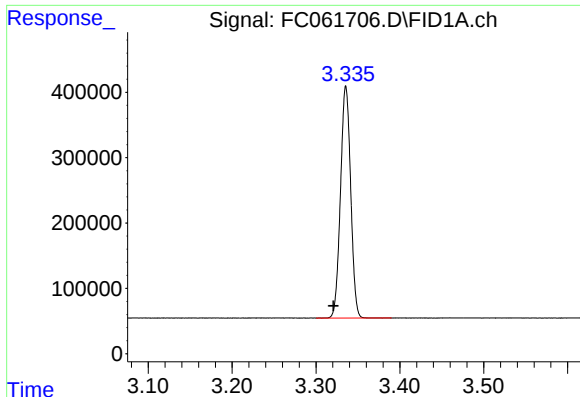
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100622AL\  
Data File : FC061706.D  
Signal(s) : FID1A.ch  
Acq On : 06 Oct 2022 12:36  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Oct 07 03:53:49 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092022.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 20 18:33:32 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

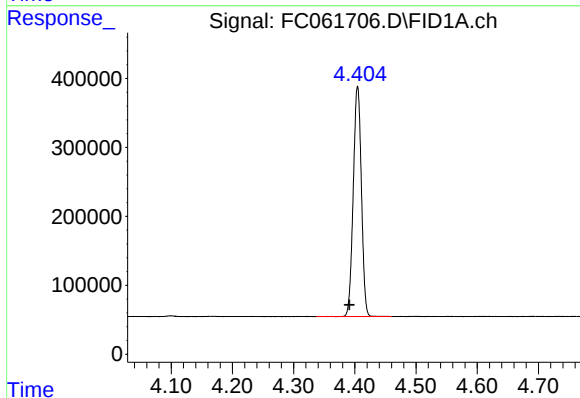




#1 n-Nonane (C9)

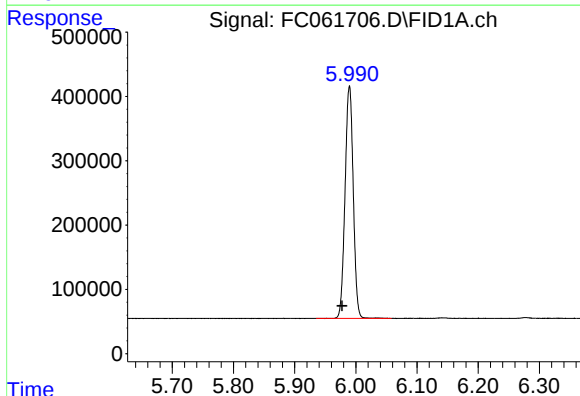
R.T.: 3.336 min  
Delta R.T.: 0.015 min  
Response: 2997233  
Conc: 20.08 ug/ml

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



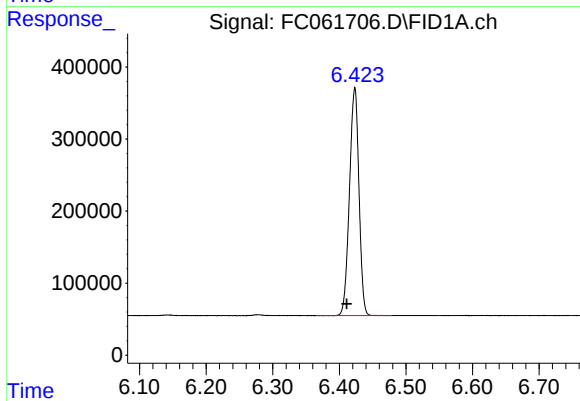
#2 n-Decane (C10)

R.T.: 4.405 min  
Delta R.T.: 0.013 min  
Response: 3082555  
Conc: 20.44 ug/ml



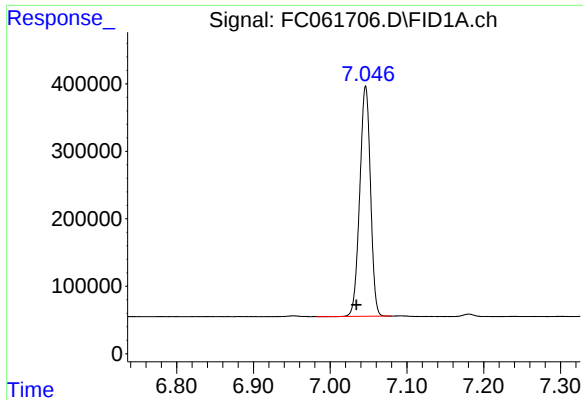
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min  
Delta R.T.: 0.012 min  
Response: 3362743  
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

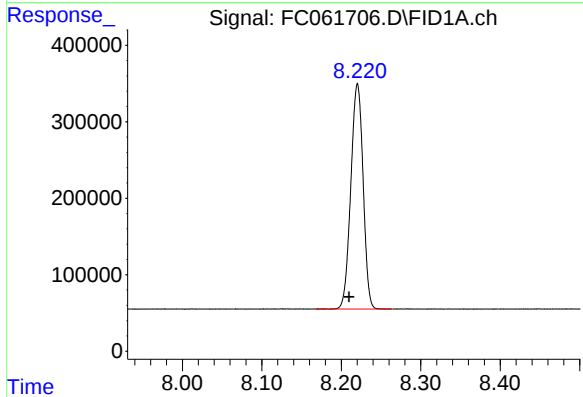
R.T.: 6.423 min  
Delta R.T.: 0.012 min  
Response: 3134216  
Conc: 20.61 ug/ml



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

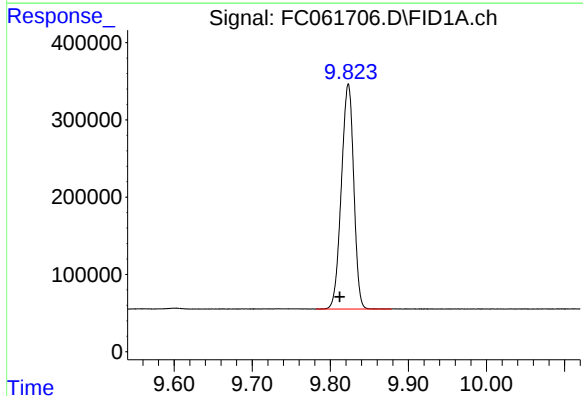
R.T.: 7.046 min  
Delta R.T.: 0.012 min  
Response: 3315902  
Conc: 20.16 ug/ml

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



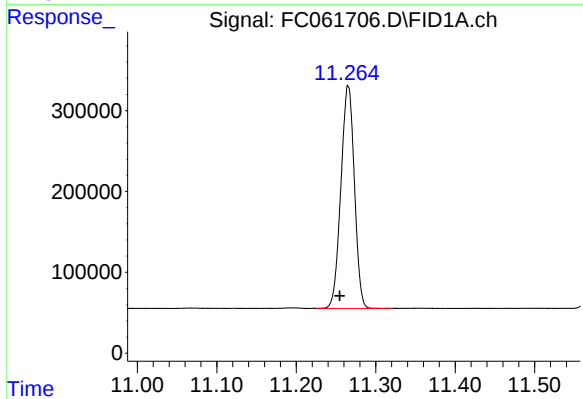
#6 n-Tetradecane (C14)

R.T.: 8.220 min  
Delta R.T.: 0.011 min  
Response: 3162217  
Conc: 20.74 ug/ml



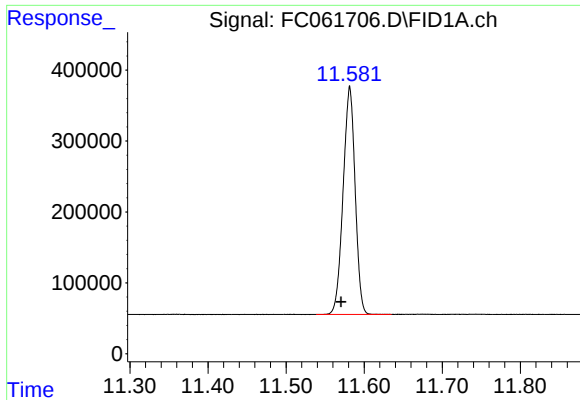
#7 n-Hexadecane (C16)

R.T.: 9.823 min  
Delta R.T.: 0.011 min  
Response: 3209636  
Conc: 20.76 ug/ml



#8 n-Octadecane (C18)

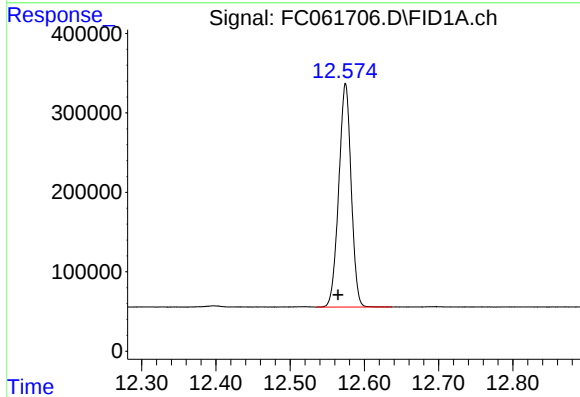
R.T.: 11.265 min  
Delta R.T.: 0.011 min  
Response: 3254455  
Conc: 20.64 ug/ml



#9 ortho-Terphenyl (SURR)

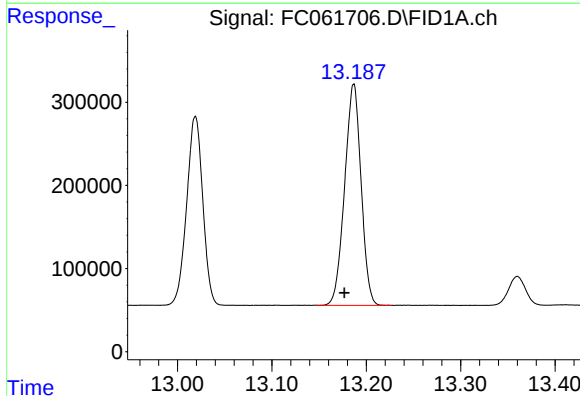
R.T.: 11.582 min  
Delta R.T.: 0.011 min  
Response: 3438002  
Conc: 20.12 ug/ml

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



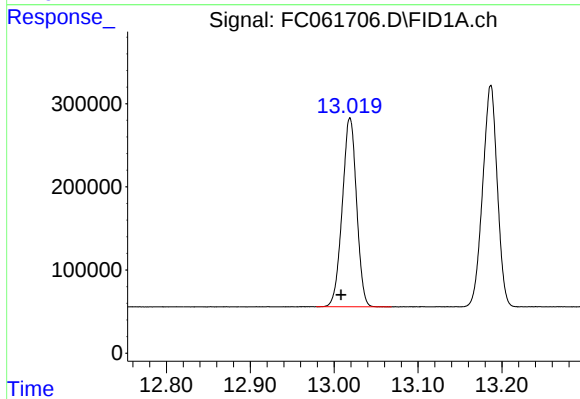
#10 n-Eicosane (C20)

R.T.: 12.575 min  
Delta R.T.: 0.010 min  
Response: 3265732  
Conc: 20.49 ug/ml



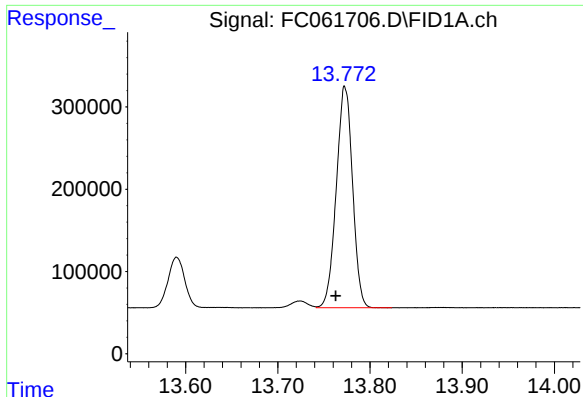
#11 n-Heneicosane (C21)

R.T.: 13.187 min  
Delta R.T.: 0.010 min  
Response: 3221479  
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

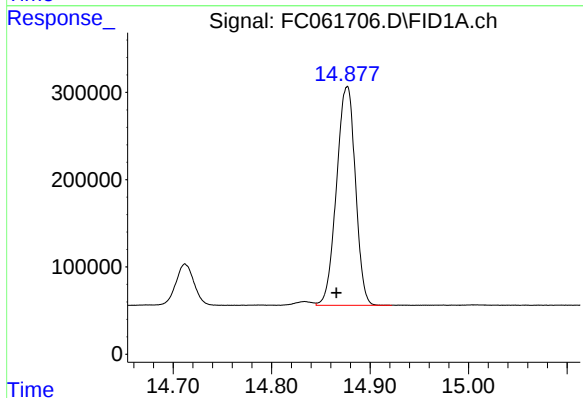
R.T.: 13.019 min  
Delta R.T.: 0.011 min  
Response: 2691014  
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

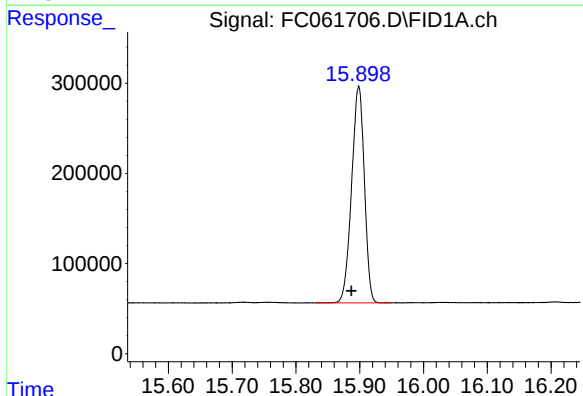
R.T.: 13.773 min  
Delta R.T.: 0.010 min  
Response: 3299543  
Conc: 20.54 ug/ml

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



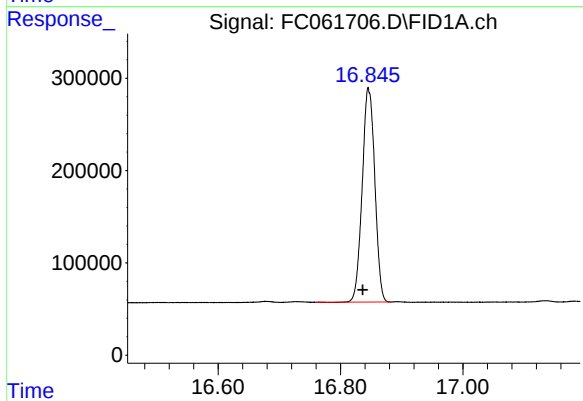
#14 n-Tetracosane (C24)

R.T.: 14.876 min  
Delta R.T.: 0.011 min  
Response: 3338541  
Conc: 20.84 ug/ml



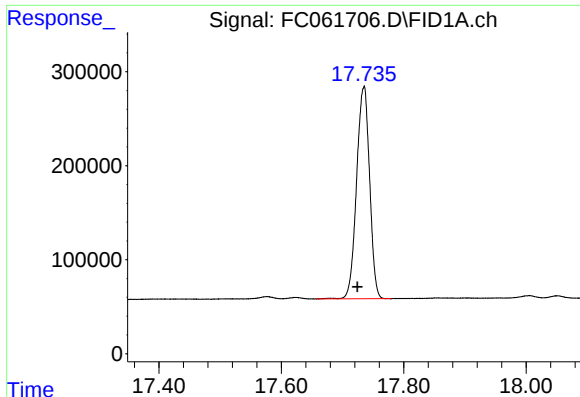
#15 n-Hexacosane (C26)

R.T.: 15.898 min  
Delta R.T.: 0.012 min  
Response: 3337719  
Conc: 21.05 ug/ml



#16 n-Octacosane (C28)

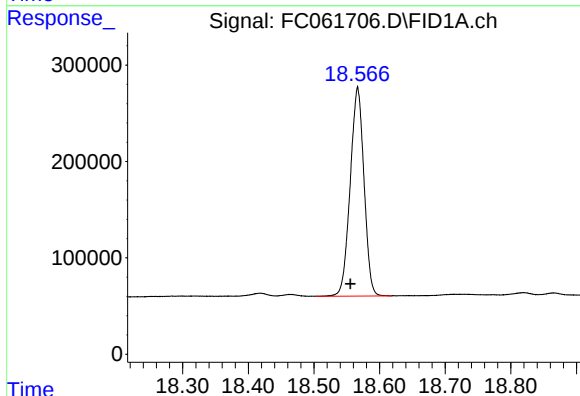
R.T.: 16.846 min  
Delta R.T.: 0.010 min  
Response: 3314707  
Conc: 21.39 ug/ml



#17 n-Tricontane (C30)

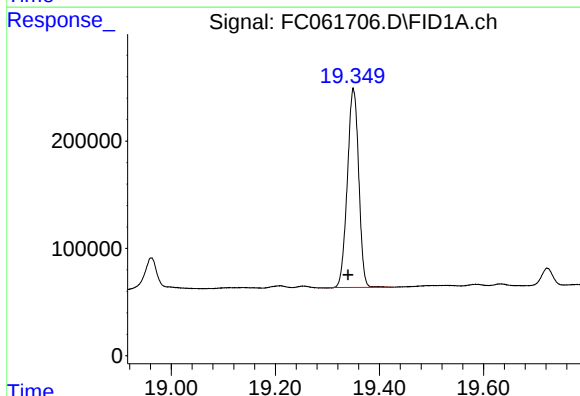
R.T.: 17.735 min  
Delta R.T.: 0.010 min  
Response: 3331433  
Conc: 21.65 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



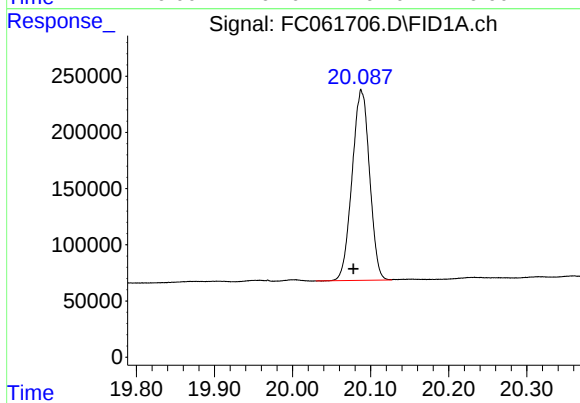
#18 n-Dotriacontane (C32)

R.T.: 18.567 min  
Delta R.T.: 0.011 min  
Response: 3160907  
Conc: 20.90 ug/ml



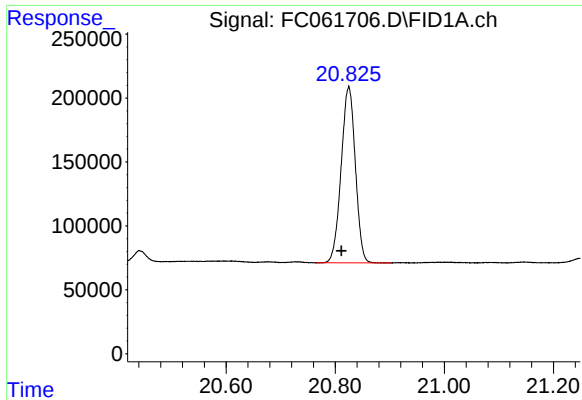
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min  
Delta R.T.: 0.010 min  
Response: 2809012  
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

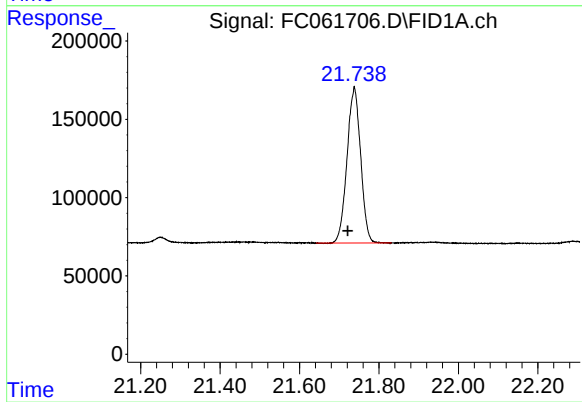
R.T.: 20.088 min  
Delta R.T.: 0.010 min  
Response: 2633967  
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.825 min  
Delta R.T.: 0.013 min  
Response: 2486977  
Conc: 19.20 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.738 min  
Delta R.T.: 0.017 min  
Response: 2364146  
Conc: 19.35 ug/ml