

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061622AL\  
 Data File : FC060285.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Jun 2022 9:00  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 16 13:35:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 28 08:22:04 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 10.647 | 2741683    | 17.617 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.23%       |
| 12) S 1-chlorooctadecane (S... | 12.017 | 2164450    | 17.457 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.91%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.621  | 2506035    | 19.580 ug/ml |
| 2) T n-Decane (C10)            | 3.621  | 2502495    | 19.561 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.160  | 2792859    | 19.322 ug/ml |
| 4) T n-Dodecane (C12)          | 5.575  | 2610243    | 19.581 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.186  | 2827247    | 19.263 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.327  | 2641230    | 19.348 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.891  | 2664214    | 18.988 ug/ml |
| 8) T n-Octadecane (C18)        | 10.301 | 2645710    | 18.487 ug/ml |
| 10) T n-Eicosane (C20)         | 11.581 | 2549150    | 17.867 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.179 | 2508129    | 17.498 ug/ml |
| 13) T n-Docosane (C22)         | 12.752 | 2485661    | 17.443 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.831 | 2351439    | 16.756 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.830 | 2248016    | 16.601 ug/ml |
| 16) T n-Octacosane (C28)       | 15.759 | 2199962    | 16.892 ug/ml |
| 17) T n-Tricontane (C30)       | 16.626 | 2179207    | 17.800 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.440 | 2104613    | 18.876 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.206 | 1999099    | 19.600 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 18.928 | 1906080    | 20.128 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.611 | 1890914    | 20.495 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.259 | 1900988    | 20.205 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

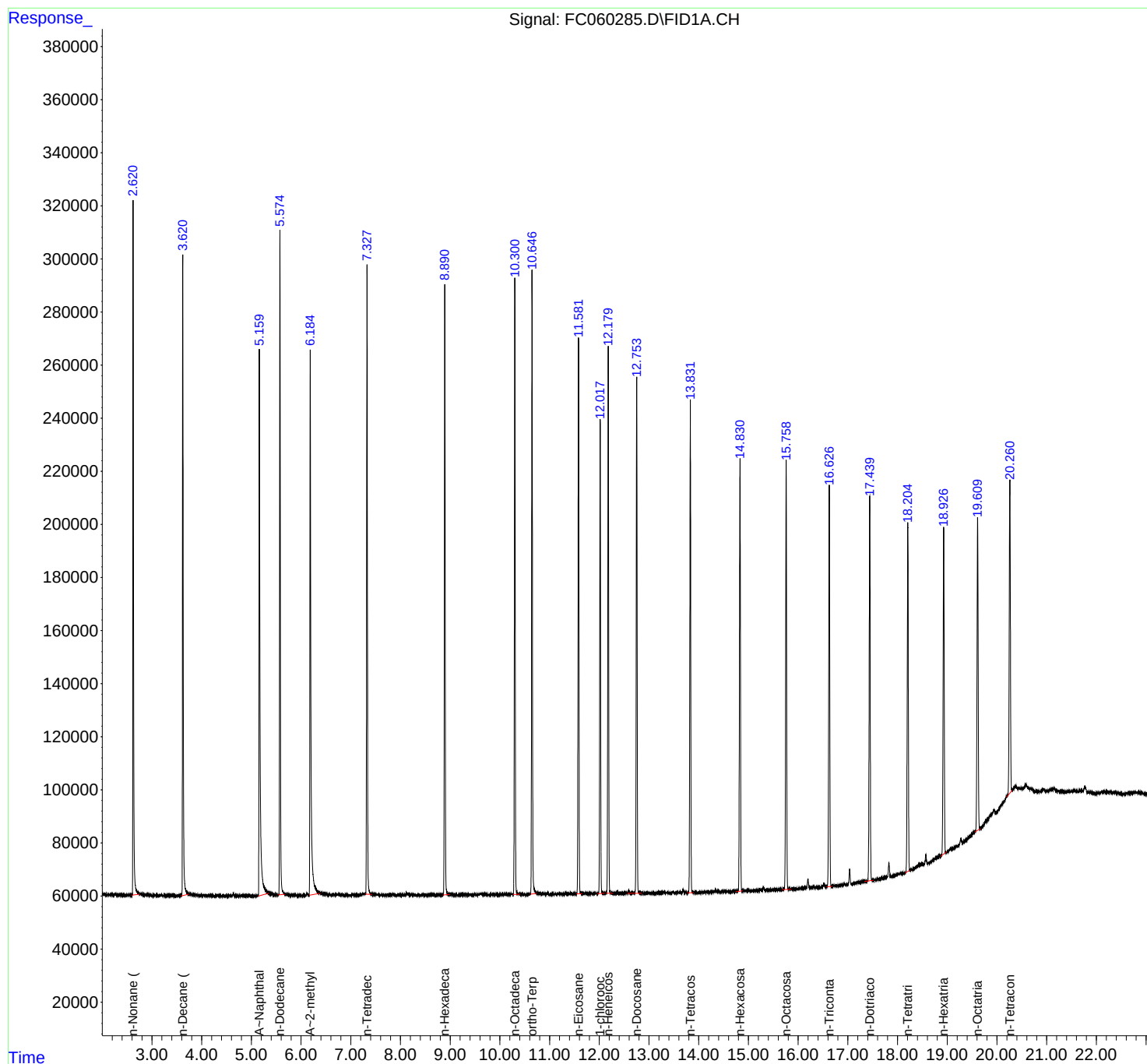
(m)=manual int.

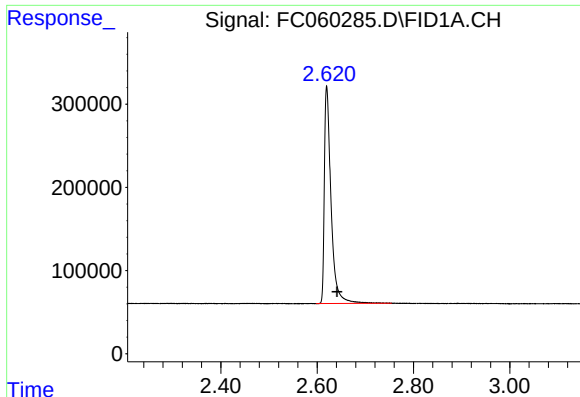
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061622AL\  
Data File : FC060285.D  
Signal(s) : FID1A.CH  
Acq On : 16 Jun 2022 9:00  
Operator : UA/NP  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Jun 16 13:35:48 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052722.M  
Quant Title : GC Extractables  
QLast Update : Sat May 28 08:22:04 2022  
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

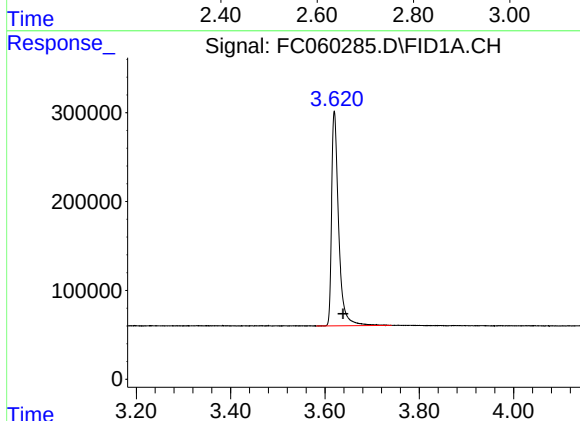




#1 n-Nonane (C9)

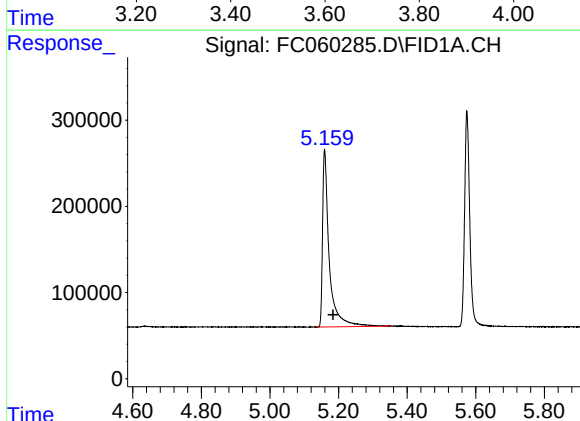
R.T.: 2.621 min  
Delta R.T.: -0.020 min  
Response: 2506035  
Conc: 19.58 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



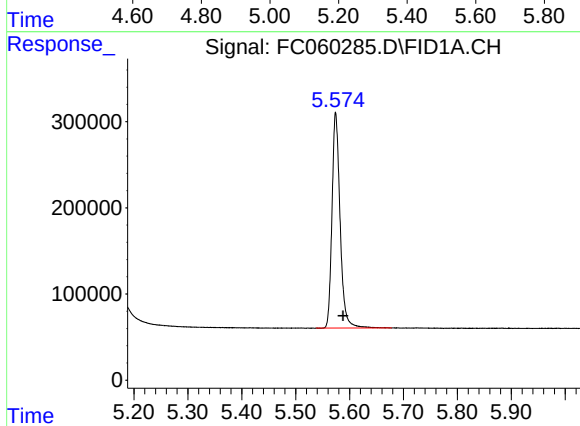
#2 n-Decane (C10)

R.T.: 3.621 min  
Delta R.T.: -0.018 min  
Response: 2502495  
Conc: 19.56 ug/ml



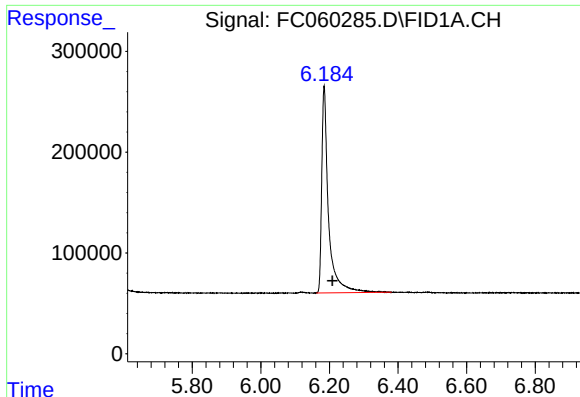
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min  
Delta R.T.: -0.024 min  
Response: 2792859  
Conc: 19.32 ug/ml



#4 n-Dodecane (C12)

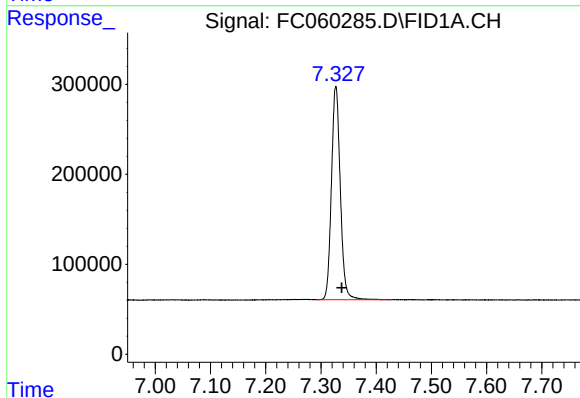
R.T.: 5.575 min  
Delta R.T.: -0.013 min  
Response: 2610243  
Conc: 19.58 ug/ml



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

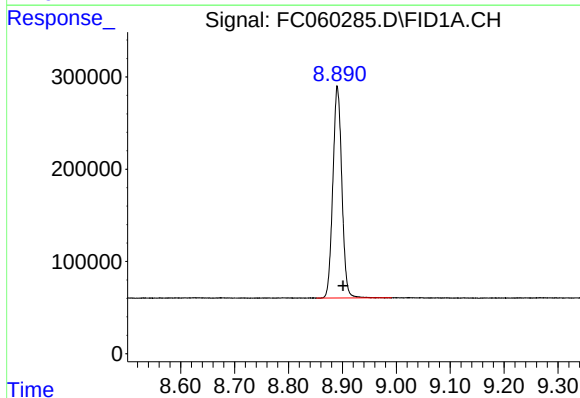
R.T.: 6.186 min  
Delta R.T.: -0.023 min  
Response: 2827247  
Conc: 19.26 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



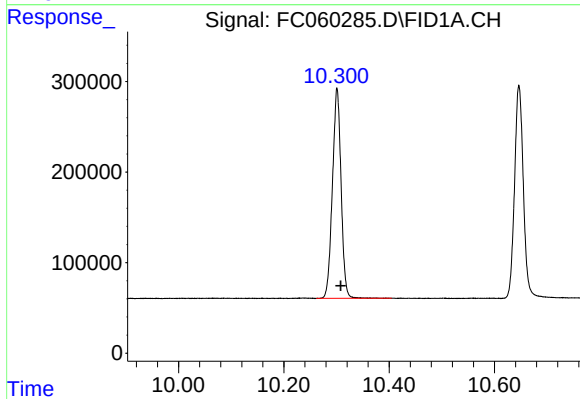
#6 n-Tetradecane (C14)

R.T.: 7.327 min  
Delta R.T.: -0.010 min  
Response: 2641230  
Conc: 19.35 ug/ml



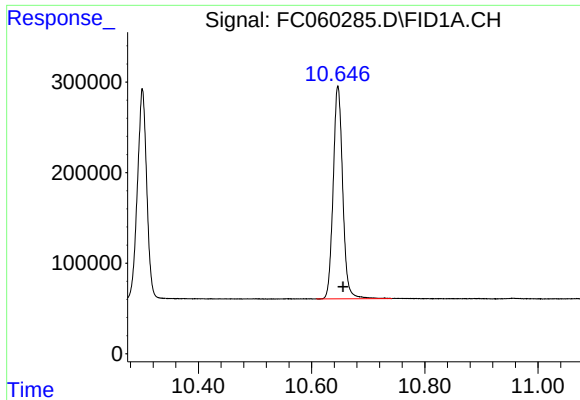
#7 n-Hexadecane (C16)

R.T.: 8.891 min  
Delta R.T.: -0.010 min  
Response: 2664214  
Conc: 18.99 ug/ml



#8 n-Octadecane (C18)

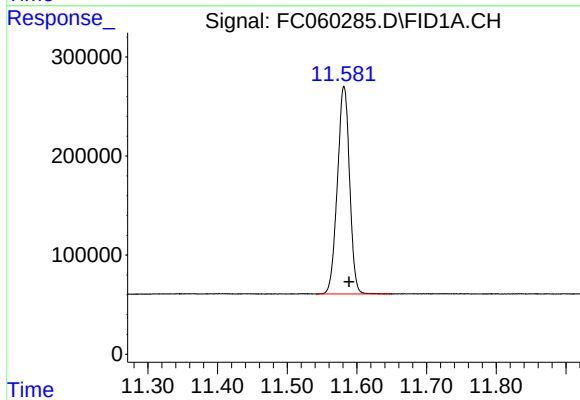
R.T.: 10.301 min  
Delta R.T.: -0.007 min  
Response: 2645710  
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

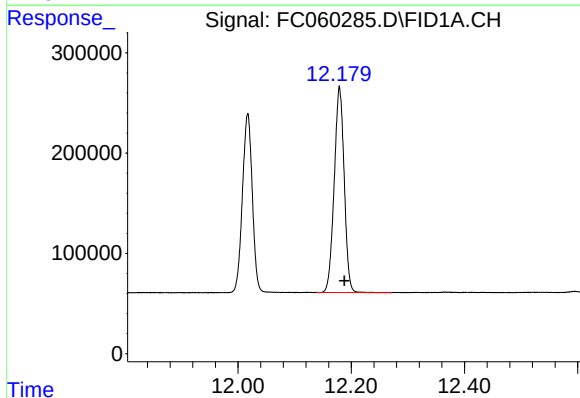
R.T.: 10.647 min  
Delta R.T.: -0.009 min  
Response: 2741683  
Conc: 17.62 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



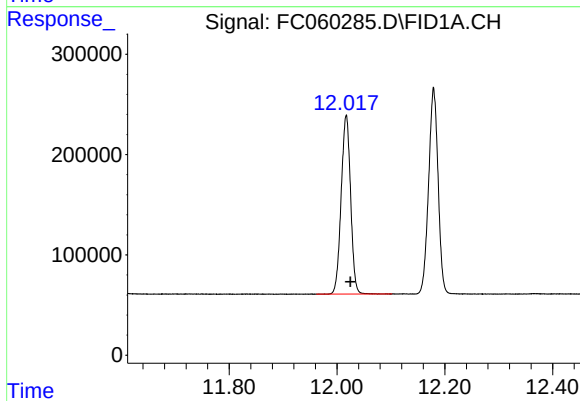
#10 n-Eicosane (C20)

R.T.: 11.581 min  
Delta R.T.: -0.008 min  
Response: 2549150  
Conc: 17.87 ug/ml



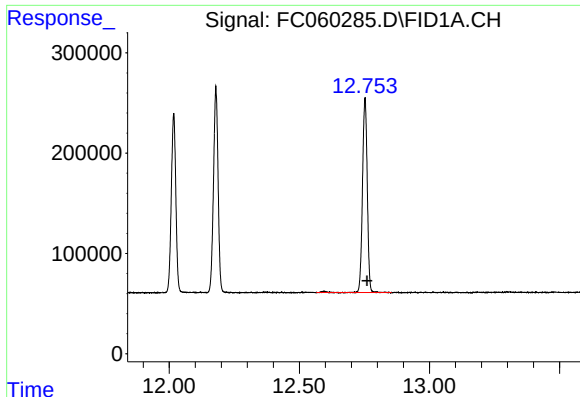
#11 n-Heneicosane (C21)

R.T.: 12.179 min  
Delta R.T.: -0.009 min  
Response: 2508129  
Conc: 17.50 ug/ml



#12 1-chlorooctadecane (SURR)

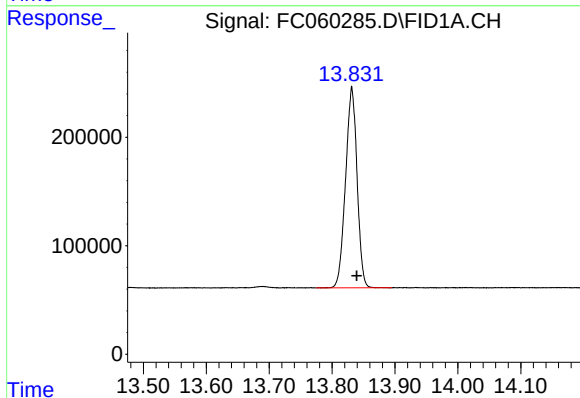
R.T.: 12.017 min  
Delta R.T.: -0.008 min  
Response: 2164450  
Conc: 17.46 ug/ml



#13 n-Docosane (C22)

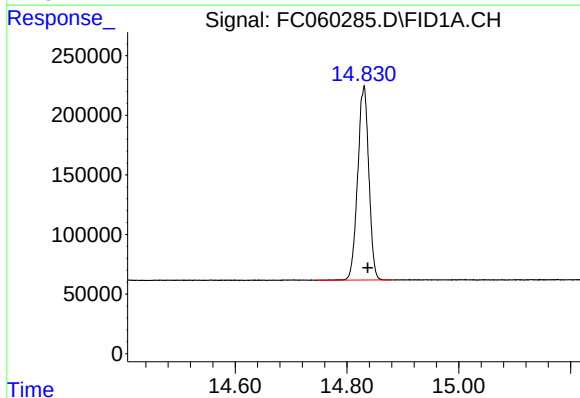
R.T.: 12.752 min  
Delta R.T.: -0.008 min  
Response: 2485661  
Conc: 17.44 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



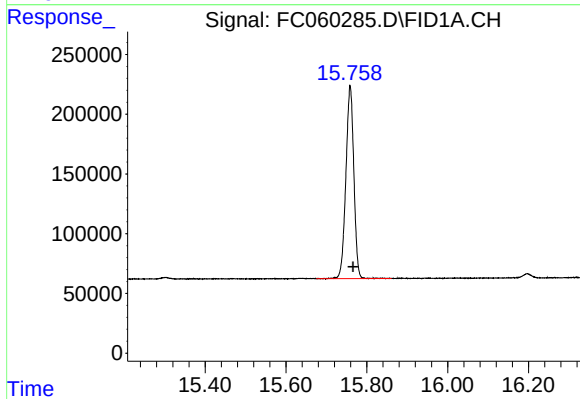
#14 n-Tetracosane (C24)

R.T.: 13.831 min  
Delta R.T.: -0.008 min  
Response: 2351439  
Conc: 16.76 ug/ml



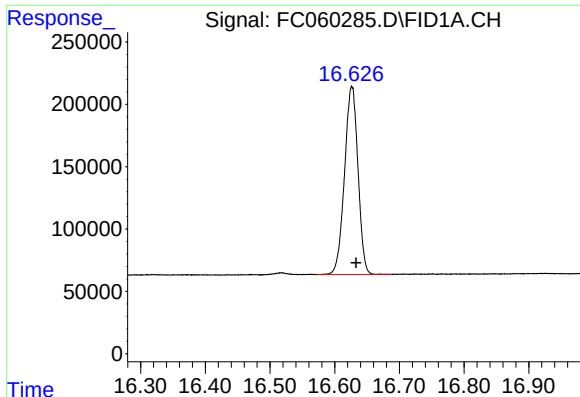
#15 n-Hexacosane (C26)

R.T.: 14.830 min  
Delta R.T.: -0.008 min  
Response: 2248016  
Conc: 16.60 ug/ml



#16 n-Octacosane (C28)

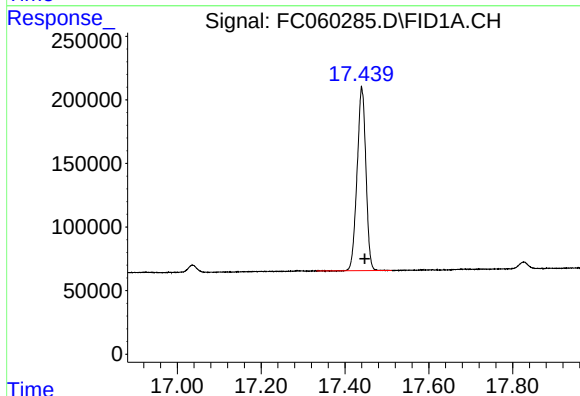
R.T.: 15.759 min  
Delta R.T.: -0.007 min  
Response: 2199962  
Conc: 16.89 ug/ml



#17 n-Tricontane (C30)

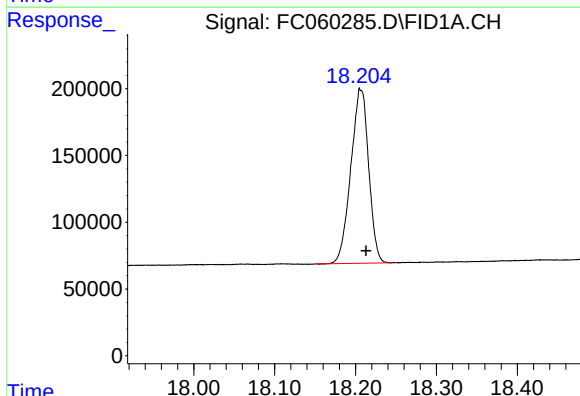
R.T.: 16.626 min  
Delta R.T.: -0.007 min  
Response: 2179207  
Conc: 17.80 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



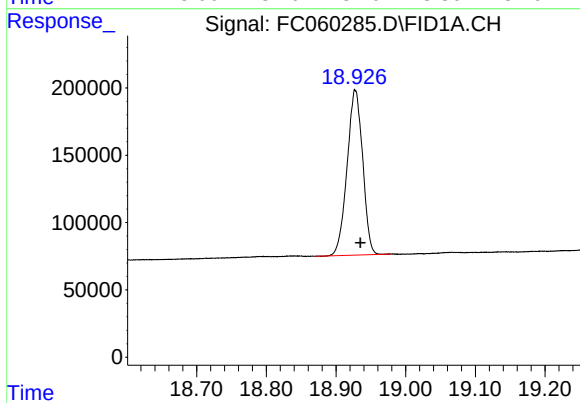
#18 n-Dotriacontane (C32)

R.T.: 17.440 min  
Delta R.T.: -0.007 min  
Response: 2104613  
Conc: 18.88 ug/ml



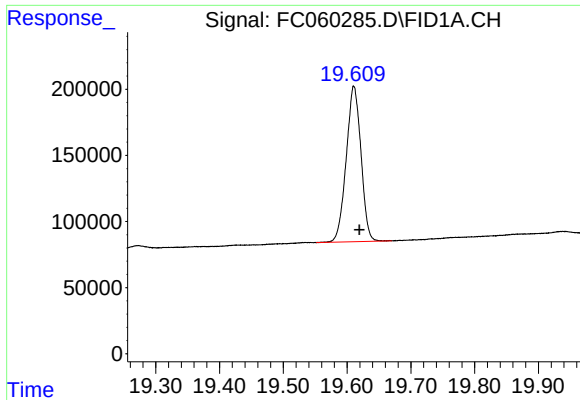
#19 n-Tetratriacontane (C34)

R.T.: 18.206 min  
Delta R.T.: -0.007 min  
Response: 1999099  
Conc: 19.60 ug/ml



#20 n-Hexatriacontane (C36)

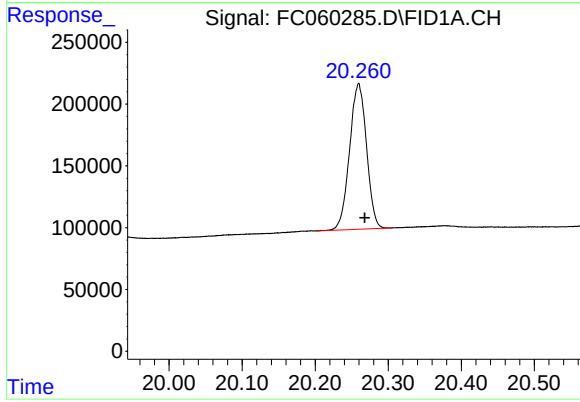
R.T.: 18.928 min  
Delta R.T.: -0.007 min  
Response: 1906080  
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.611 min  
Delta R.T.: -0.008 min  
Response: 1890914  
Conc: 20.49 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.259 min  
Delta R.T.: -0.009 min  
Response: 1900988  
Conc: 20.20 ug/ml