

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070522AL\  
 Data File : FC060577.D  
 Signal(s) : FID1A.ch  
 Acq On : 05 Jul 2022 15:44  
 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: Jul 06 04:53:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062422.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 25 04:15:44 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)    | 10.633 | 3564203    | 19.449 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.90%       |
| 12) S 1-chlorooctadecane (S... | 12.000 | 2829704    | 19.198 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.40%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.622  | 3088097    | 20.131 ug/ml |
| 2) T n-Decane (C10)            | 3.618  | 3091482    | 20.243 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.157  | 3379796    | 20.215 ug/ml |
| 4) T n-Dodecane (C12)          | 5.567  | 3276190    | 20.272 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.180  | 3393608    | 19.964 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.318  | 3311285    | 20.044 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.879  | 3360069    | 19.882 ug/ml |
| 8) T n-Octadecane (C18)        | 10.287 | 3373375    | 19.608 ug/ml |
| 10) T n-Eicosane (C20)         | 11.565 | 3308507    | 19.386 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.163 | 3292590    | 19.311 ug/ml |
| 13) T n-Docosane (C22)         | 12.735 | 3252489    | 19.080 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.812 | 3152803    | 18.778 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.807 | 3026807    | 18.419 ug/ml |
| 16) T n-Octacosane (C28)       | 15.734 | 2883682    | 18.173 ug/ml |
| 17) T n-Tricontane (C30)       | 16.600 | 2746818    | 18.045 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.413 | 2564597    | 17.642 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.175 | 2397954    | 18.880 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 18.897 | 2264611    | 20.179 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.579 | 2202506    | 20.120 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.226 | 2245929    | 19.886 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

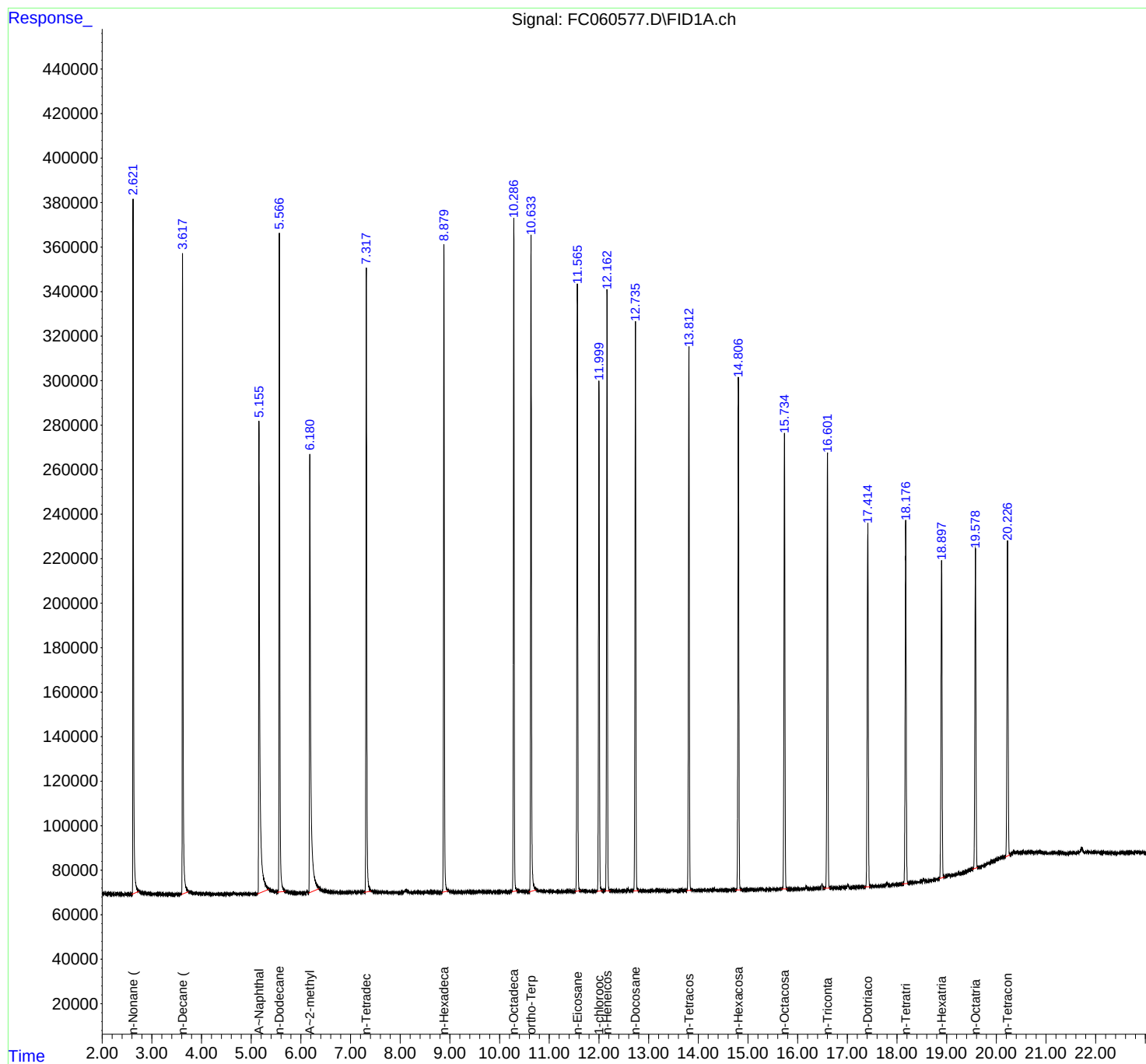
(m)=manual int.

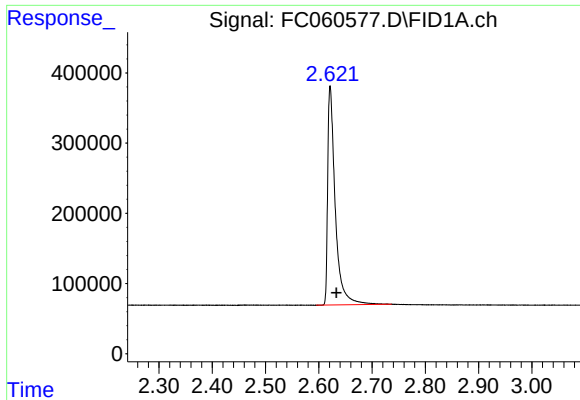
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070522AL\  
Data File : FC060577.D  
Signal(s) : FID1A.ch  
Acq On : 05 Jul 2022 15:44  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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Quant Time: Jul 06 04:53:20 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062422.M  
Quant Title : GC Extractables  
QLast Update : Sat Jun 25 04:15:44 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

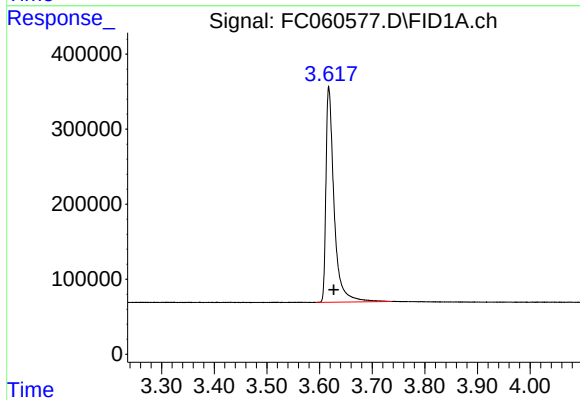




#1 n-Nonane (C9)

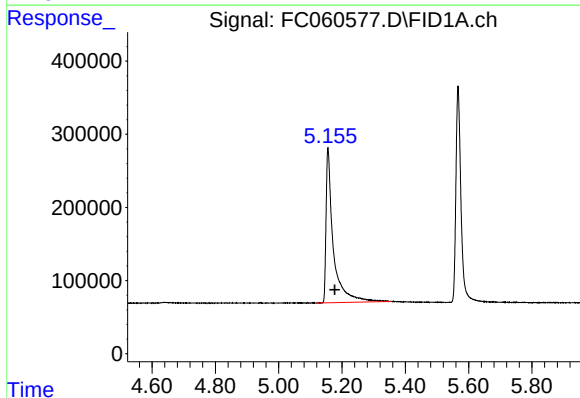
R.T.: 2.622 min  
Delta R.T.: -0.011 min  
Response: 3088097  
Conc: 20.13 ug/ml

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



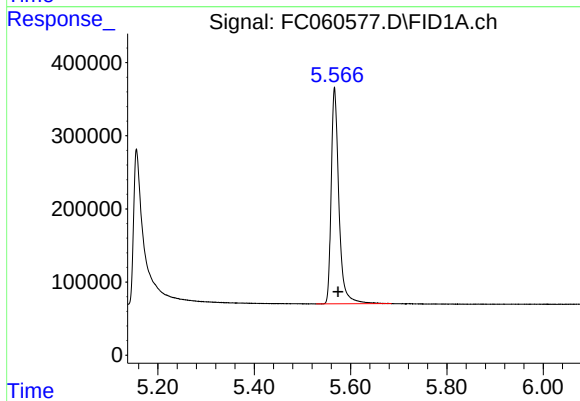
#2 n-Decane (C10)

R.T.: 3.618 min  
Delta R.T.: -0.009 min  
Response: 3091482  
Conc: 20.24 ug/ml



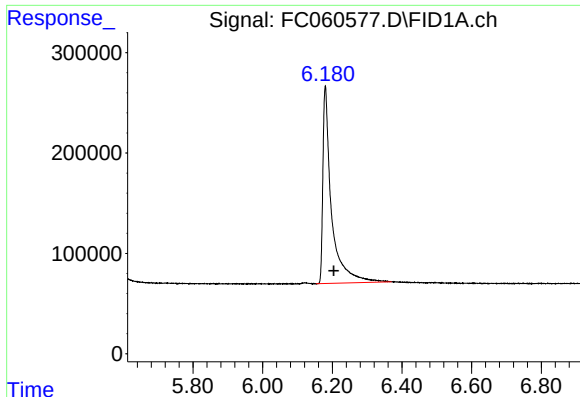
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min  
Delta R.T.: -0.020 min  
Response: 3379796  
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

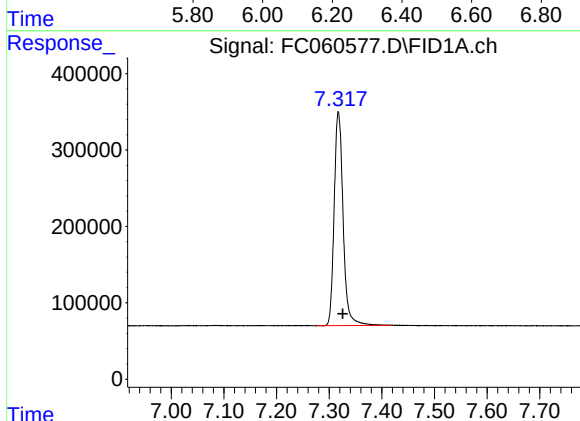
R.T.: 5.567 min  
Delta R.T.: -0.008 min  
Response: 3276190  
Conc: 20.27 ug/ml



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

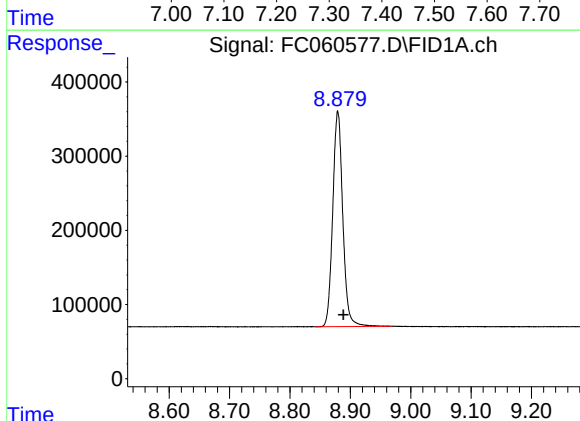
R.T.: 6.180 min  
Delta R.T.: -0.024 min  
Response: 3393608  
Conc: 19.96 ug/ml

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



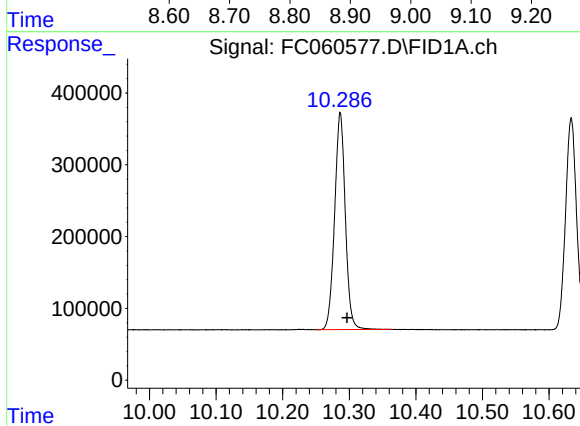
#6 n-Tetradecane (C14)

R.T.: 7.318 min  
Delta R.T.: -0.008 min  
Response: 3311285  
Conc: 20.04 ug/ml



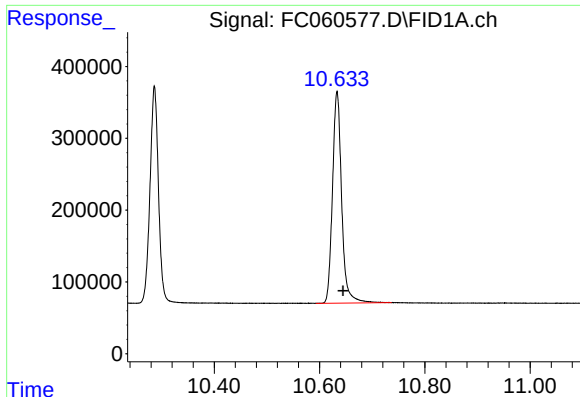
#7 n-Hexadecane (C16)

R.T.: 8.879 min  
Delta R.T.: -0.009 min  
Response: 3360069  
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

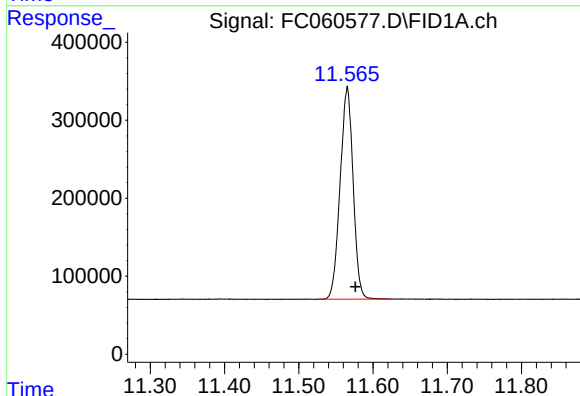
R.T.: 10.287 min  
Delta R.T.: -0.010 min  
Response: 3373375  
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

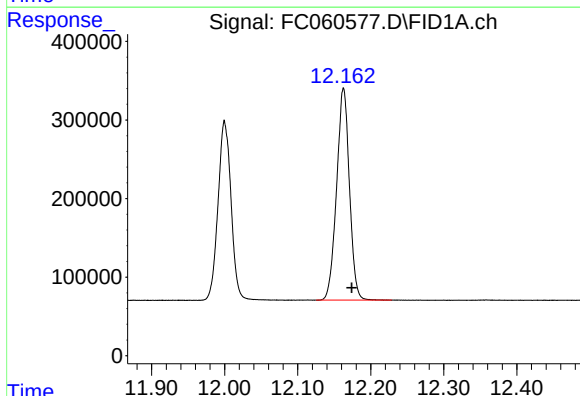
R.T.: 10.633 min  
Delta R.T.: -0.011 min  
Response: 3564203  
Conc: 19.45 ug/ml

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



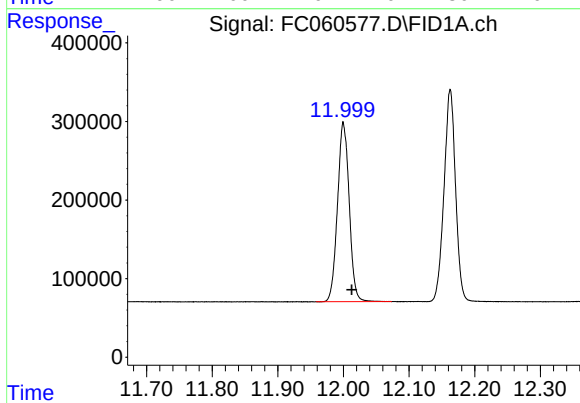
#10 n-Eicosane (C20)

R.T.: 11.565 min  
Delta R.T.: -0.011 min  
Response: 3308507  
Conc: 19.39 ug/ml



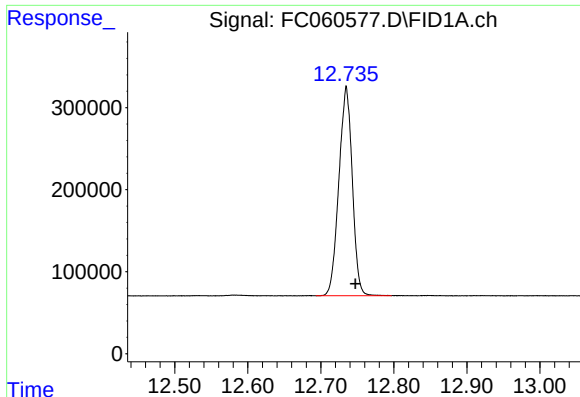
#11 n-Heneicosane (C21)

R.T.: 12.163 min  
Delta R.T.: -0.011 min  
Response: 3292590  
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

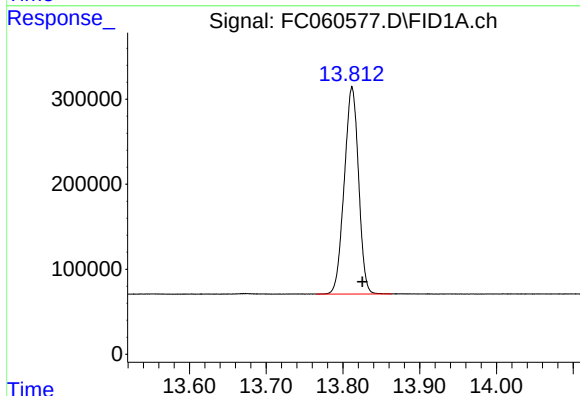
R.T.: 12.000 min  
Delta R.T.: -0.013 min  
Response: 2829704  
Conc: 19.20 ug/ml



#13 n-Docosane (C22)

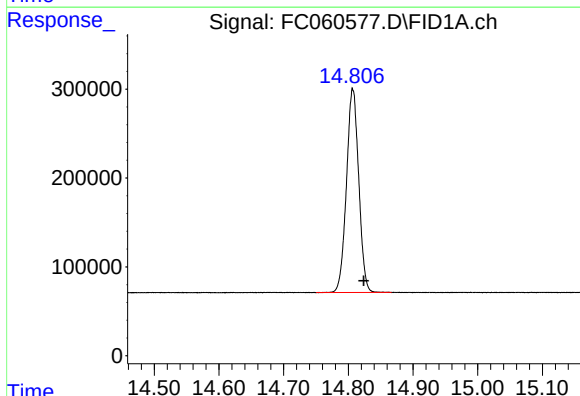
R.T.: 12.735 min  
Delta R.T.: -0.012 min  
Response: 3252489  
Conc: 19.08 ug/ml

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



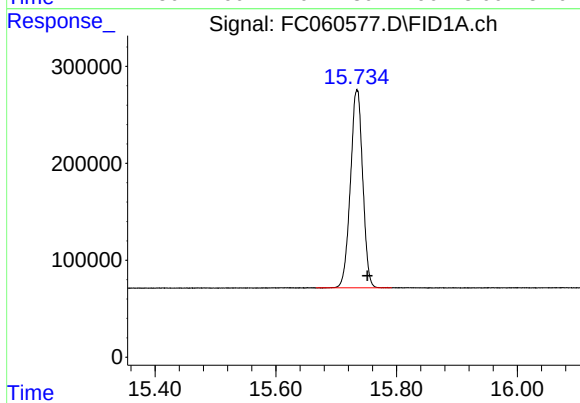
#14 n-Tetracosane (C24)

R.T.: 13.812 min  
Delta R.T.: -0.013 min  
Response: 3152803  
Conc: 18.78 ug/ml



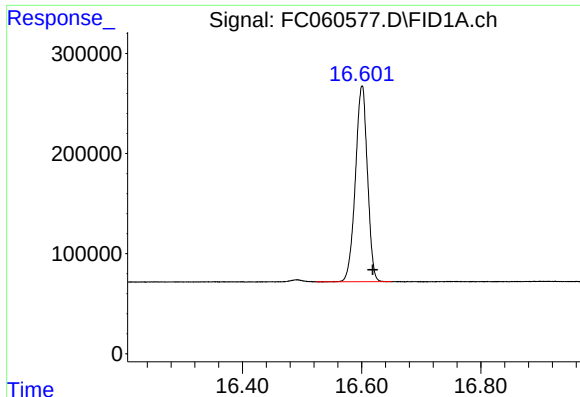
#15 n-Hexacosane (C26)

R.T.: 14.807 min  
Delta R.T.: -0.017 min  
Response: 3026807  
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

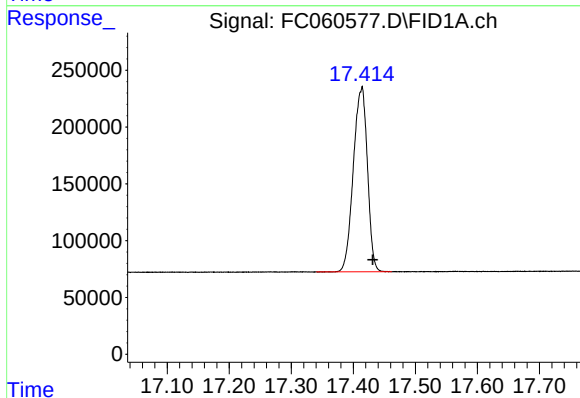
R.T.: 15.734 min  
Delta R.T.: -0.017 min  
Response: 2883682  
Conc: 18.17 ug/ml



#17 n-Tricontane (C30)

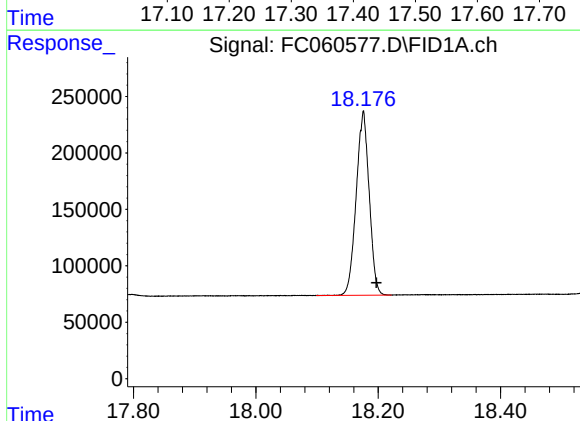
R.T.: 16.600 min  
Delta R.T.: -0.018 min  
Response: 2746818  
Conc: 18.04 ug/ml

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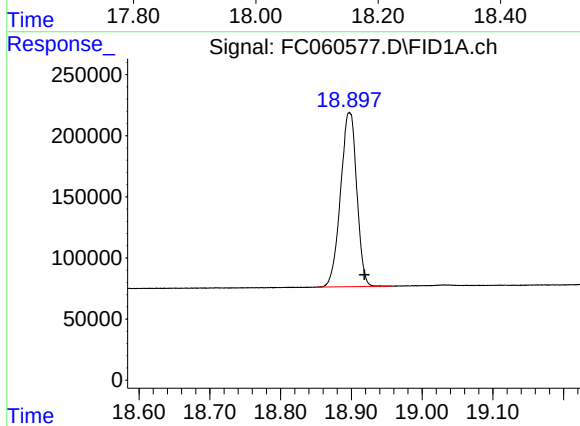
#18 n-Dotriacontane (C32)

R.T.: 17.413 min  
Delta R.T.: -0.018 min  
Response: 2564597  
Conc: 17.64 ug/ml



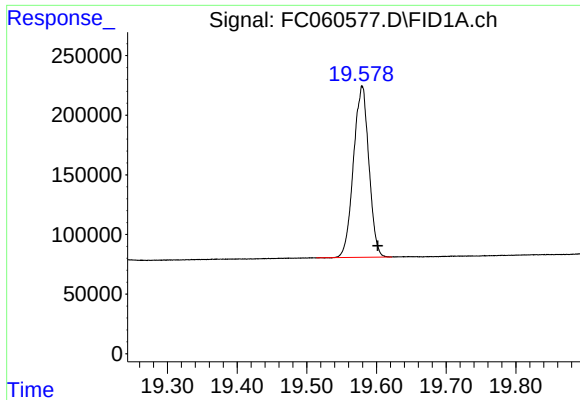
#19 n-Tetratriacontane (C34)

R.T.: 18.175 min  
Delta R.T.: -0.022 min  
Response: 2397954  
Conc: 18.88 ug/ml



#20 n-Hexatriacontane (C36)

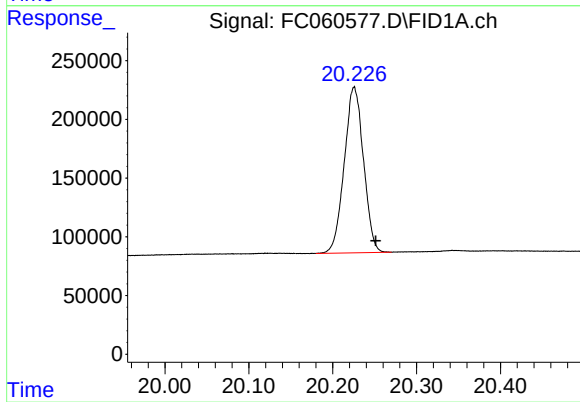
R.T.: 18.897 min  
Delta R.T.: -0.021 min  
Response: 2264611  
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.579 min  
Delta R.T.: -0.023 min  
Response: 2202506  
Conc: 20.12 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 20.226 min  
Delta R.T.: -0.025 min  
Response: 2245929  
Conc: 19.89 ug/ml